

## **AGENDA**

### **Oakland-Macomb Interceptor Drain Drainage Board** Macomb and Oakland Counties

**December 16, 2020 – 11:30 a.m.**  
Via GoToMeeting

1. Call meeting to order

Board Members:

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development

Candice Miller, Macomb County Public Works Commissioner

Jim Nash, Oakland County Water Resources Commissioner

2. Motion to approve the meeting agenda for December 16, 2020
3. Motion to approve the Drainage District Board Meeting Minutes from November 18, 2020
4. Public Comment
5. OMID NESPS Pumping and Electrical Upgrades and NI-EA Contract No.1 PCI-4 Rehabilitation Project Revised Budgets
6. Motion to approve the following Change Orders:
  - a) Walsh Construction Change Order No. 1 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$94,121.64
  - b) CSM Mechanical Change Order No. 3 for the Flow Control Improvements – Hatch Modification Project for a net decrease in the amount of \$5,370
  - c) Doetsch Change Order No. 1 for the OMID Immediate Repairs Project for a net increase in the amount of \$235,115
7. Motion to approve the following Construction Estimates:
  - a) Final Construction Estimate for CSM Mechanical, LLC for the OMID Flow Control Improvements-Hatch Modification Project in the amount of \$12,296.61 and a reserve payment of \$10,252.50 to the contractor
  - b) Construction Estimate No. 15 for CSM Mechanical, LLC for the NESPS Odor/ Corrosion Control Project in the amount of \$16,185.28
  - c) Construction Estimate No. 2 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$677,373.39 and a transfer of \$75,263.71 to the Oakland County Treasurer
8. Report/Update – Status of OMID Repairs Project

9. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
10. Motion to approve the following invoices:
- a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
    - 1) Labor/Fringes/Non-Direct Labor Factor
      - Segment 4 NESPS Odor Corrosion Study \$ 7,925.01
      - Segment 4 NESPS Gatehouse \$ 699.48
      - Segment 5 NIEA Construction \$ 4,148.05
      - Segment 5 NESPS Mech./Elect. Construction \$ 12,478.49
    - 2) Equipment Charges
      - Segment 4 NESPS Odor Corrosion Study \$ 993.87
      - Segment 4 NESPS Gatehouse \$ 26.91
      - Segment 5 NIEA Construction \$ 160.91
      - Segment 5 NESPS Mech./Elect. Construction \$ 1,146.23
  - b) Applied Science, Inc.
    - 1) Invoice No. 21 NESPS M&E \$ 133,000.58
    - 2) Invoice No. 22 NESPS M&E \$ 84,816.79
  - c) CDM Smith
    - Invoice No. 90111002 O&M \$ 4,905.26
  - d) CH2M
    - Invoice No. 705773CH002 Seg. 4 \$ 15,478.29
  - e) Clark Hill
    - Invoice No. 1044382 O&M \$ 594.00
  - f) Dickinson Wright
    - 1) Invoice No. 1528910 O&M \$ 1,540.00
    - 2) Invoice No. 1528917 O&M \$ 5,345.22
  - g) Jacobs
    - Invoice No. 697317CH027 O&M \$ 4,987.01
  - h) METCO
    - 1) Invoice No. 1811-23 O&M \$ 75,741.18
  - i) NTH Consultants, Ltd
    - 1) Eng./Consult. Services NESPS CMT  
Invoice No. 2 O&M \$ 5,616.73
    - 2) CS9 – Hydraulic Control Gate  
Invoice No. 8 NI-EA \$ 7,867.98
    - 3) NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4  
Invoice No. 18 NI-EA \$ 60,609.76
    - 4) Repairs – OMID System Immediate Repairs  
Invoice No. 22 OIR \$ 5,777.56
  - j) PM Technologies
    - 1) Invoice No. 143668 O&M \$ 358.33
    - 2) Invoice No. 143669 O&M \$ 358.33
    - 3) Invoice No. 143670 O&M \$ 358.33
  - k) PMA Consultants
    - Invoice No. 3559.01-6 NESPS \$ 6,696.80
  - l) Rotor Electric Co.
    - 1) Invoice No. 12356 O&M \$ 11,424.28
    - 2) Invoice No. 12358 O&M \$ 9,559.55
11. Other Business

12. Adjourn

Next Regular Meeting: January 20, 2021 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the location and manner of the January meeting has yet to be determined.

**December 16, 2020 - OMID Board Meeting**  
**Wed, Dec 16, 2020 11:30 AM - 2:00 PM (EST)**

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## **Agenda Item No. 3**

Board Meeting Minutes from November 18, 2020

**MINUTES OF THE REGULAR MEETING OF THE DRAINAGE BOARD  
FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**

November 18, 2020

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held via GoToMeeting on the 18<sup>th</sup> day of November at 11:30 a.m. Eastern Standard Time. The meeting was conducted electronically via GoToMeeting in accordance with the Open Meetings Act, PA 267 of 1976, as amended by PA 228 of 2020.

**PRESENT:**

Michael Gregg, Chairperson and Deputy for Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and Jim Nash, Secretary and Oakland County Water Resources Commissioner.

**OTHERS PRESENT:**

Representing the office of the Macomb County Public Works Commissioner: Brian Baker, Stephen Downing and Emily Engelman. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steven Korth, Joel Brown, Sid Lockhart, Brian Coburn and Megan Koss. Others in attendance: Fritz Klingler, FK Engineering; Shawn Phelps, OC Fiscal Services; Brady Harrington, MDARD; Larry Gilbert and Saju Sachidanandan, NTH Consultants.

1. Call meeting to order.  
Deputy Harrington called the meeting to order at 11:53 a.m. Harrington noted the meeting was being held electronically in accordance with PA 228 of 2020. In compliance with the aforementioned, Deputy Harrington indicated he was participating from Potterville, Michigan, Commissioner Miller indicated she was participating from Harrison Township, Michigan and Deputy Commissioner Vaara indicated she was participating from Royal Oak, Michigan.
2. Agenda.  
Motion by Miller, supported by Vaara, to approve the amended November 18, 2020 agenda as presented.

**ROLL CALL VOTE:**

HARRINGTON:	AYE
MILLER:	AYE
VAARA:	AYE

3. Minutes.  
Motion by Vaara, supported by Miller, to approve the minutes of the October 21, 2020 meeting.

**ROLL CALL VOTE:**

HARRINGTON:	AYE
MILLER:	AYE
VAARA:	AYE

4. Public Comment. None.

5. Change Order.

The following Change Order was submitted to the Board for approval:

Change Order No. 9 for CSM Mechanical for the NESPS Odor/ Corrosion Control Project for a net decrease in the amount of \$6,113.16. Motion by Miller, supported by Nash, to approve the Change Order as presented.

ROLL CALL VOTE:

HARRINGTON: AYE

MILLER: AYE

VAARA: AYE

Commissioner Gregg entered the meeting.

6. Construction Pay Estimates.

The following Construction Pay Estimates were submitted to the Board for approval:

- a) Construction Estimate No. 14 for CSM Mechanical, LLC for the NESPS Odor/ Corrosion Control Project in the amount of \$18,661.96. Motion by Miller, supported by Vaara, to approve Construction Pay Estimate No. 14 for CSM Mechanical, LLC as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

VAARA: AYE

- b) Construction Estimate No. 1 for Walsh Construction for NESPS Pump & Electrical Upgrades Project in the amount of \$586,049.11 with a transfer to the Oakland County Treasurer in the amount of \$65,116.57. Motion by Vaara, supported by Miller, to approve Construction Pay Estimate No. 1 for Walsh Construction as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

VAARA: AYE

- c) Construction Estimate No. 3 for Detroit Elevator Company for the NESPS Elevator Modernization in the amount of \$10,868.30. Motion by Miller, supported by Vaara, to approve the Construction Pay Estimate No. 3 for Detroit Elevator Company as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

VAARA: AYE

Commissioner Nash entered the meeting

7. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS and NI-EA.  
Fritz Klingler of FK Engineering presented the Project Progress Update to the Board and summarized the status of various projects. Motion by Miller, supported by Nash, to receive and file the report and summary.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

8. Financial Reports.  
Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 3 through 5 and the NESPS. Motion by Miller, supported by Nash, to receive and file the financial reports.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

9. Invoices.

The following invoices were submitted to the Board for approval:

- a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
- 1) Labor/Fringes/Non-Direct Labor Factor
    - Segment 4 NESPS Odor Corrosion Study \$ 12,798.85
    - Segment 4 NESPS Gatehouse \$ 699.48
  - 2) Equipment Charges
    - Segment 4 NESPS Odor Corrosion Study \$ 1,837.07
    - Segment 4 NESPS Gatehouse \$ 26.91
  - 3) Reimbursement of the Drain Revolving Fund  
Macomb County Invoice No. ARP 200228 \$ 11,652.58
- b) CH2M  
Invoice No. 705773CH021 Seg. 4 \$ 9,817.50
- c) Clark Hill
- 1) Invoice No. 1026480 O&M \$ 810.00
  - 2) Invoice No. 1026481 O&M \$ 756.00
  - 3) Invoice No. 1027273 O&M \$ 2,538.00
  - 4) Invoice No. 1036351 O&M \$ 594.00
- d) CSM Mechanical
- 1) Invoice No. 20OMIDD006 O&M \$ 29,019.25
  - 2) Invoice No. 20OMIDD011 O&M \$ 2,950.00
  - 3) Invoice No. 2020-0002.3 O&M \$ 22,549.11
- e) Dickinson Wright  
Invoice No. 1521075 O&M \$ 4,760.00

f)	Konecranes			
	Invoice No. 15438945	O&M	\$	1,392.00
g)	METCO			
	1) Invoice No. 1811-21	O&M	\$	69,967.41
	2) Invoice No. 1811-22	O&M	\$	108,544.67
h)	Motor City Electric Technologies Inc.			
	1) Invoice No. 93288	O&M	\$	17,436.00
	2) Invoice No. 93289	O&M	\$	10,852.47
	3) Invoice No. 93305	O&M	\$	154.00
	4) Invoice No. 93306	O&M	\$	308.00
	5) Invoice No. 93307	O&M	\$	269.50
	6) Invoice No. 93315	O&M	\$	25,000.00
i)	NTH Consultants, Ltd			
	1) Safety Manual and Crane Support Eval.			
	Invoice No. 5	O&M	\$	843.56
	2) CS9 – Hydraulic Control Gate			
	Invoice No. 7	NI-EA	\$	11,734.49
	3) NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
	Invoice No. 17	NI-EA	\$	58,572.77
	4) Repairs – OMID System Immediate Repairs			
	Invoice No. 21	OIR	\$	5,226.97
j)	PM Technologies			
	1) Invoice No. 141535	O&M	\$	3,650.00
	2) Invoice No. 143239	O&M	\$	1,245.95
	3) Invoice No. 143240	O&M	\$	1,245.95
	4) Invoice No. 143705	O&M	\$	1,245.95
k)	PMA Consultants			
	Invoice No. 3559.01-5	NESPS	\$	11,590.62

Mr. Brown indicated that the Detroit Elevator Company invoice listed on the invoice memo in agenda item no. 8 should be removed as it was previously presented to the Board for consideration as a Construction Pay Estimate.

Motion by Nash, supported by Miller, to approve the invoices as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

10. Proposed 2021 Meeting Dates.

The proposed Drainage District meeting dates for 2021 (as attached) were presented. Motion by Nash, supported by Miller, to approve the 2021 meeting dates as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

11. Other Business.  
Per PA 228 of 2020, Chairperson Gregg indicated he was participating from Mason, Michigan and Commissioner Nash indicated he was participating from Farmington Hills, Michigan.
12. Adjourn.  
Motion by Nash, supported by Miller, to adjourn the November 18, 2020 meeting at 12:33 p.m.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

Next Regular Meeting: December 16, 2020 at 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the December meeting will be held virtually via GoToMeeting in compliance with PA 228 of 2020.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage Board, at a meeting held on November 18, 2020 and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

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Jim Nash, Secretary  
Oakland-Macomb Interceptor Drain Drainage Board

## **Agenda Item No. 4**

### **Public Comment**



## **Agenda Item No. 5**

**NESPS Pumping and Electrical Upgrades and NI-EA  
Contract No.1 PCI-4 Rehabilitation Project Revised  
Budgets**

**NESPS M&E Upgrades and NI-EA Rehabilitation Project Budget Summary-First Bond Series**  
**Revised Project Costs Based on Bid and Cost Proposals**  
**18-Nov-20**

	<b>NESPS M&amp;E Upgrades</b>	<b>NI-EA Rehabilitation (PCI-4 &amp; CS-9)</b>
<b>1) Construction (FAC)</b>		
Project Construction Cost-Walsh	\$ 40,856,627	-
Project Construction Cost (Est)-PCI-4	-	\$ 14,732,510
Project Construction Cost (Est)-CS-9	-	\$ 3,251,118
Sub-Total	<b>\$ 40,857,000</b>	<b>\$ 17,983,628</b>
<b>2) Project Development: Engineering Consulting (ENG CON)</b>		
ASI/NTH Design Effort	\$ 1,319,213	\$ 2,205,063
CM Preconstruction Services-Walsh (Rolled into GMP)	\$ -	\$ -
Scheduling Consultant-PMA	\$ 225,000	\$ 225,000
Consultant CCA - ASI	\$ 2,443,262	\$ -
Consultant CCA - NTH	\$ -	\$ 2,483,415
Sub-Total	<b>\$ 3,987,000</b>	<b>\$ 4,913,000</b>
<b>3) Project Financing &amp; Legal (LEGAL)</b>		
Project Insurance	\$ 1,083,134.54	\$ 541,567.27
Construction Safety Consultant	\$ 400,000	\$ 200,000
MIG Consultant Services	\$ 333,000	\$ 100,000
Bond Issuance (Legal)	\$ 114,510	\$ 58,990
Bond Issuance (Financial Consultant)	\$ 50,177	\$ 25,849
Other Financing Costs	\$ 5,346	\$ 2,754
Bond Ratings	\$ 37,620	\$ 19,380
Underwriter Discount Est (\$6.75/\$1,000)	\$ 373,228	\$ 190,005
Legal Fees (communities contract agreements)	\$ 20,000	\$ 120,000
Sub-Total	<b>\$ 2,417,000</b>	<b>\$ 1,259,000</b>
<b>3) Right-of-Way Services (ROW)</b>		
Easement Fees	\$ 25,000	\$ 128,000
Permits (Est)	\$ 325,000	\$ 90,000
County Personnel Time	\$ 42,838	\$ 47,414
Sub-Total	<b>\$ 393,000</b>	<b>\$ 265,000</b>
<b>4) Exclusive County Services:</b>		
Administration (ADM)	\$ 379,802	\$ 284,840
Public Works (MACOMB)	\$ 240,309	\$ 299,485
Engineering-OCWRC (ENG)	\$ 445,407	\$ 478,404
Construction Inspection (INS)	\$ 285,051	\$ 260,132
Surveying (SUR)	\$ 34,278	\$ 31,532
O&M/Equipment-MCPW (STD)	\$ 44,923	\$ -
O&M/Equipment-OCWRC (STD)	\$ 44,923	\$ 20,000
Startup and Training/Corrections-MCPW/OCWRC (STD)	\$ 40,385	\$ 20,000
Sub-Total	<b>\$ 1,515,000</b>	<b>\$ 1,394,000</b>
<b>5) Subtotal:</b>	<b>\$ 49,169,000</b>	<b>\$ 25,814,628</b>
<b>6) Contingency (10%-Overall Project)</b>	<b>\$ 4,917,000</b>	<b>\$ 2,581,000</b>
<b>Final Project Cost</b>	<b>\$ 54,086,000</b>	<b>\$ 28,395,600</b>
<b>TOTAL</b>		<b>\$ 82,481,600</b>
	<b>Total for Bond</b>	<b>\$ 84,000,000</b>

**I hereby certify the period of usefulness of  
these facilities to be twenty (20) years and upwards.**

**By:** \_\_\_\_\_  
**Joel Brown, P.E.**  
**Project Engineer**

## **Agenda Item No. 6**

### **Change Orders**

## CHANGE ORDER NO. ONE

### Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)

For Construction of the Pump and Electrical Upgrades Project

Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

#### Authorization for:

- 1.) Design and Installation of a Temporary Earth Retaining Structure (TERS) at the northwest corner of the NESPS Transformer enclosure area to protect the existing facility during adjacent earth excavation for the proposed Electrical Building.

CONST.

MANAGER: **Walsh Construction Co.**

Address: 3031 West Grand Blvd., Suite 640

Detroit, MI 48202

Change Order No.: 1 Date: December 04, 2020

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1-1	<p><b><u>LOCATION:</u></b></p> <p><i>Northeast Sewage Pumping Station (NESPS), located in the City of Detroit, Wayne County, Michigan</i></p> <p><b><u>DESCRIPTION: (Extra/Add):</u></b></p> <p>Construct a Contractor-designed temporary earth restraining structure (TERS) adjacent to the existing Transformer Enclosure area.</p> <p><b><u>REASON:</u></b></p> <p>Excavation for the proposed Electrical Building revealed the need for protection of shallow pile-supported grade beams at the northwest corner of the existing 24 kv Transformer Enclosure. In order to ensure the stability of this critical electrical installation, a TERS was constructed to prevent ground loss within the Transformer Enclosure area during construction.</p> <p>Attachments: Work Change Directive No.1 Walsh Change Item request with documentation.</p>	1	LS	\$94,121.64	\$94,121.64	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 1

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
					Amount Increase	Amount Decrease
				Totals	\$94,121.64	-0-
				Net Changes	\$94,121.64	-0-

**END OF CHANGE ORDER NO. ONE, ITEMIZED DESCRIPTIONS**

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 1

Prepared By:  
Lawrence T. Gilbert, P.E.  
NTH Consultants, Ltd.



Date: 12-8-20

Recommended By:  
John Michalski, P.E.  
Engineer of Design, Applied Science, Inc.



Date: 12/8/2020

Approved by:  
Joel Brown, P.E.  
Project Manager, WRC



Date: 12/14/20

Approved By:  
Stephen Downing  
Construction and Maintenance Manager, Macomb County Public Works



Date: 12/14/2020

Approved By:  
Sid Lockhart, P.E.  
Manager of Special Projects, WRC

Date:

Approved by:  
Steve Korth, P.E.  
Manager, WRC

Date:

All of Contractor's contractual obligations remain in place and are applicable to all work and payments identified herein. No adjustment to contract time or price shall be made for these issues except as set out in this, or by a subsequent related, Change Order.

The Contractor agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by:

Dave Pauline

Digitally signed by Dave Pauline  
DN: C=US, E=dpauline@walshgroup.com,  
OU=Walsh Construction II, LLC, OU=Water  
Group, CN=Dave Pauline  
Location: NESPS  
Reason: I am approving this document  
Date: 2020.12.08 09:35:15-05'00'

Title

Date

of: Walsh Construction Co.

The Contractor is hereby authorized and instructed to do the Work described above in accordance with the terms of the Contract, as amended.

This Change Order No. 1 was approved by the Drainage Board on: Date:

CHANGE ORDER NO. 3

Oakland-Macomb Interceptor Drain Drainage District Board  
For Construction of the OMID Flow Control Improvements Project-Roof Modifications Under Contract #5817)  
Located in Macomb County, MI

CONTRACTOR: CSM Mechanical, LLC
Address: 7400 Hickory Valley Road
Fenton, MI 48430

Authorization for Changes In and Extras to Contract
Change Order No: <u>3</u> Date: <u>12/4/2020</u>


Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
A	<b>LOCATION:</b>  Contol Structure (CS) 6 (OMID)					
A	<b>DESCRIPTION:</b>  <b>(Change/Subtract):</b>  CS-6 Removal of FRP platform from work scope	LS	1.0	(\$5,370.00)	-	(\$5,370.00)
A	<b>REASON:</b>  After CSM's bid, it was determined by the design engineer (FK Engineering) and our control structure instrumentation maintenance contractor (HESCO), that a FRP platform was no longer required to remove the existing upstream level sensor within Control Structure 6 and install a new level sensor. As such this item was removed from CSM's scope of work.					
				Item A Total	\$0.00	(\$5,370.00)
				Total	(\$5,370.00)	

Change Order

CHANGE ORDER NO. 3

Oakland-Macomb Interceptor Drain Drainage District Board  
For Construction of the OMID Flow Control Improvements Project-Roof Modifications Under Contract #5817)

Prepared by:  Date: 12/10/20  
WRC: Joel Brown, P.E., Assistant Chief Engineer


Recommended by:  Date: 12/14/20  
FK Engineering Fritz Klingler, P.E., President

Approved by:  Date: 12/14/2020  
MCPWO Manager: Stephen Downing, (Construction & Maintenance Manager)

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
WRC Manager: Sid Lockhart, P.E. (Special Projects Manager)

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
WRC Manager – Steven Korth, P.E.

The Contractor agrees to do the work described above and agrees to accept payment in full on the basis indicated.

Accepted by:  Date: 12-10-2020  
Title \_\_\_\_\_

of: CSM Mechanical, LLC

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

This Change Order No. 3 was approved by the Drainage Board on: \_\_\_\_\_ Date: \_\_\_\_\_



CHANGE ORDER NO. 1

Oakland-Macomb Interceptor Drain Drainage District Board  
For Construction of the OMID Immediate Repairs Project Under Contract #5928)  
Located in Macomb County, MI

CONTRACTOR: Doetsch Industrial Services, Inc.

Address: 21221 Mullin

Warren, MI 48089

Authorization for Changes In and Extras to Contract

Change Order No: 1Date: 12/4/2020

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b><u>LOCATION:</u></b>					
A	NESPS Wet Well					
B	OMID System					
C	PCI-10B (South of Avon and Dequindre)					
	<b><u>DESCRIPTION:</u></b>					
	<b>(Change/Add):</b>					
A	NESPS wet well bar screen and sludge removal according to 11/8/20 not to exceed quote.	LS	1.0	\$230,505.00	\$230,505.00	-
B	Extension of Project Substantial and Final Completion Dates	Days	285.0		285 Days	
C	Emergency CCTV Inspection of PCI-10B at RC-S-2	LS	T&M	\$4,610.00	\$4,610.00	-
	<b><u>REASON:</u></b>					
A	There is debris buildup on the NESPS wet well bar screen, particularly on the southern side of the wet well, that is causing a differential water level elevation between the upstream and downstream sides of the bar screen during pumping. This is subsequently forcing the NESPS pumps to have to cycle on and off more frequently to drop the wet well water levels to target elevations. The situation has continued to worsen. Accordingly, it is necessary to have the wet well bar screens fully and properly cleaned for efficient operations at the NESPS.					
B	Doetsch's grouting crews were requested to assist on several emergency projects for the Oakland County Water Resources Commissioner, Macomb County Public Works Office and Great Lakes Water Authority that prevented resources from being able to commit to this project. In addition, the project was further delayed by OMIDDD lockout-tagout procedural clarifications. Consequently, a project extension of 285 days is warranted for both the original Substantial Completion duration of 173 days and the Final Completion duration of 198 days. Given the original Notice to Proceed date of January 8, 2020, this extends the Substantial Completion date to April 10, 2021 and the Final Completion date to May 5, 2021.					

Change Order

CONTRACTOR: Doetsch Industrial Services, Inc.

Address: 21221 Mullin

Warren, MI 48089

Authorization for Changes In and Extras to Contract

Change Order No: 1

Date: 12/4/2020

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
C	The OMIDDD was notified of a potential sinkhole in the proximity of the RC-S-2 connection to the PCI-10B section of the OMID south of Avon Road and Dequindre. Doetsch was requested to perform an emergency CCTV inspection of the interceptor between PCI-10B Shaft 2 to manhole PCI-10B-104 within this area to identify if soil loss or infiltration was occurring. The inspection was performed on October 9, 2020 and did not reveal and infiltration or structural support distress within the interceptor.					
				Item A Total	\$235,115.00	\$0.00
				Total	\$235,115.00	

Change Order

CHANGE ORDER NO. 1

Oakland-Macomb Interceptor Drain Drainage District Board  
For Construction of the OMID Immediate Repairs Project Under Contract #5928)

Prepared by: \_\_\_\_\_ Date: \_\_\_\_\_  
WRC: Evans Bantios, P.E., Civil Engineer III

Recommended by: \_\_\_\_\_ Date: \_\_\_\_\_  
NTH Consultants: Abdalnasser Almadhoun, P.E.

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
MCPWO Manager: Stephen Downing, (Construction & Maintenance Manager)

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
WRC Manager: Sid Lockhart, P.E. (Special Projects Manager)

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
WRC Manager – Steven Korth, P.E.

The Contractor agrees to do the work described above and agrees to accept payment in full on the basis indicated.

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_  
Title

of: Doetsch Industrial Services, Inc.

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

This Change Order No. 1 was approved by the Drainage Board on: \_\_\_\_\_ Date: \_\_\_\_\_

## **Agenda Item No. 7**

### Construction Estimates

**Jim Nash, Oakland County Water Resources Commissioner  
OMIDDD Flow Control Modifications (CS Hatch Modifications)  
Warren and Sterling Heights, Macomb County, Michigan**

## Final Construction Payment

Department No.: 61010101  
Fund No.: 82912  
Project No.: 1-3016

October 1, 2020 to December 1, 2020  
Account No.: 731472  
Program No.: 149015  
Activity: FAC

## Contractor:

Account No.: 5817  
Date of Contract: October 17, 2019  
Completion Date: N/A  
Extended to: N/A

Original Contract Amount (CO #1 to original contract): \$205,050.00

Previous Change Orders: \$0.00  
Numbers: (none)

Change Orders This Payment: \$6,926.61  
Numbers: (2,3)

Total Net Change Orders: (No further authorization on this Contract) \$6,926.61

Final Adjusted Contract Amount: \$211,976.61

Final Sub-Total: (Sheet 3 of 3 Column 7) \$211,976.61

Final Amount Allowed: \$211,976.61

Less Previous Estimates: \$199,680.00

Final Payment Request To Be Paid To Contractor: \$12,296.61

Final Reserve Payment to Contractor \$10,252.50

Balance of Contract \$0.00 Accounting Auditor:

Amount To Be Reserved \$0.00

Less Previous Transfers To Reserve: \$10,252.50

Amount of Current Transfer: (\$10,252.50)

Prepared by: Joel Brown  
Joel Brown, P.E. - OCWRC Assistant Chief Engineer

Date: 12/11/20

Recommended by: Fritz Klingler  
Fritz Klingler, P.E. FK Engineering Inc.- Consulting Engineer

Date: 12/14/20

Approved by: Stephen Downing  
Stephen Downing - Construction and Maintenance Manager, MCPWO

Date: 12/14/2020

Approved For Payment: Sid Lockhart  
Sid Lockhart, P.E. - Special Projects Manager, OCWRC

Date: \_\_\_\_\_

Final Construction Payment

Approved By Board On: \_\_\_\_\_

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**For Construction of the Odor / Corrosion Control System- Northeast Sewage Pumping Station**  
**Located In the City of Detroit, Wayne County, Michigan**  
**Project ID 100000002708**

Regular Construction Estimate No. Fifteen

November 01 through November 30, 2020 ✓

44,169.00

Department No.: 6010101

Account No.: 731472

Fund No.: 84915

Program No.: 149015

Project No.: 295117

Activity: FAC

Contractor:

CSM Mechanical, LLC  
7400 Hickory Valley Dr.  
Fenton, MI 48430

Date of Contract: July 3, 2019

Final Completion Date: September 27, 2020

Adjusted by C.O. 5 to: August 28, 2020

Contract No. # 5777

Original Contract Amount: \$3,783,390.00 ✓

Previous Change Orders: Change Order Numbers : 1, 2, 3, 4, 5, 6, 7, and 8 \$415,409.90 ✓

Change Orders This Estimate: C.O. # 9 (\$6,113.16)

Total Net Change Orders: \$409,296.74

Adjusted Contract Amount: \$4,192,686.74 ✓

Sub-Total To Date: \$4,179,747.30

Less Deductions: None

Gross Estimate: (Work in Place) 99.7% Complete \$4,179,747.30

Less Amount Reserved (LS = \$69,410.59) \$69,410.59

Total Amount Allowed To Date: \$4,110,336.71

Less Previous Estimates: \$4,024,740.84 ✓

Net Payment Request To Be Paid To Contractor: \$16,185.28 ✓

Reserve Payment to Contractor: \$69,410.59

Balance to Finish: \$ 12,939.44 ✓ Accounting Auditor: *gls* 12/7/20

Amount To Be Reserved (From Above) \$69,410.59

Less Previous Transfers To Reserve: \$138,821.18 ✓

Amount of Current Transfer (Payment to Contractor) (\$69,410.59)

Prepared by:

*Lawrence T. Gilbert*  
Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: 12-07-20

FOR

Recommended by:

*Jason Matteo*  
Jason Matteo, P.E.; Jacobs

Date: 12/7/2020

Recommended by:

*Joel Brown*  
Joel Brown, P.E. Oakland County WRC

Date: 12/7/20

Recommended by:

*Stephen Downing*  
Stephen Downing; Macomb County OPWC

Date: 12/7/2020

Approved for Payment by:

Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

Date: \_\_\_\_\_

Regular Construction Estimate No. Fifteen

Approved By Board On: \_\_\_\_\_

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**For Construction of the Northeast Sewage Pumping Station Pump and Electrical Upgrades Project**  
**Located in the City of Detroit, Wayne County, Michigan**  
**Project ID 1-3309**

Regular Construction Estimate No. Two

Nov. 01, 2020 through Nov. 30, 2020

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
Project No.:	514629	Activity:	FAC

Construction Manager at Risk,  
Walsh Construction Co.  
3031 West Grand Boulevard, Suite 640  
Detroit, MI 48202

Vendor # 23191

LI 43331; exp. 12/16/22

Date of Contract: Dec. 16, 2019

Final Completion Date: July 28, 2023

Contract No. 1-3309

Original Contract Amount: (Pump & Elec. Upgrades + CS-9 Gate Gate Installation) \$42,863,185.19 ✓

Previous Change Orders: \$0.00

Change Orders This Estimate: \$0.00

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$42,863,185.19

Sub-Total To Date: (CS-9 Charges are included on this Estimate) \$1,403,802.78

Less Deductions: None

Gross Estimate: (Work in Place) 3.2% Complete \$1,403,802.78

Less Amount Reserved (10%) \$140,380.28 ✓

Total Amount Allowed To Date: \$1,263,422.50

Less Previous Estimates: \$586,049.11 ✓

Net Payment Request To Be Paid To Contractor: \$677,373.39

Reserve Payment to Contractor: \$0.00

Balance to Finish: \$ 41,459,382.41 ✓ *jlb* 12/14/20 Accounting Auditor:

Amount To Be Reserved (From Above) \$140,380.28

Less Previous Transfers To Reserve: \$65,116.57 ✓

Amount of Current Transfer \$75,263.71

Prepared by: *Lawrence T. Gilbert*  
Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: *12-11-20*

Recommended by: *John Michalski*  
John Michalski, P.E., ASI

Date: *12/14/2020*

Recommended by: *Joel Brown*  
Joel Brown, P.E. Oakland County WRC

Date: *12/14/20*

Recommended by: *Stephen Downing*  
Stephen Downing; Macomb County OPWC

Date: *12/14/2020*

Approved for Payment by: \_\_\_\_\_  
Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

Date: \_\_\_\_\_

Regular Construction Estimate No. Two

Approved By Board On: \_\_\_\_\_

**Agenda Item No. 8**

Report/Update – Status of OMID Project, Segments 1  
through 4, NESPS, NI-EA



# Oakland Macomb Interceptor Drain (OMID) Repairs

## Project Progress Update

Prepared by:

F. Klingler, P.E., B. Kelly, P.E., FK Engineering Assoc.  
S. Sachidanandan, P.E., L. Gilbert, P.E., NTH Consultants, Ltd.  
J. Michalski, P.E., Applied Science, Inc.; T. Moore, Metco  
J. Matteo, P.E., Jacobs Engineering, Inc.

## December 16, 2020 OMIDDD Board Meeting

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The following provides a status update as of the writing of this report (November 9, 2020) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

### SRF Segment 1 Status:

#### Contracts 1&2 – Complete

#### System-wide Odor/Corrosion Study (No Contract Number) – Ongoing:

Engineering Consultant: Jacobs Engineering

#### Project Budget Summary (including EWO No. 2):

- |  |              |
|--|--------------|
| • Adjusted Project Budget (including Fan Testing Allowance of \$60,000): | \$531,447.00 |
| • Total Spent (through Nov. 2020):                                       | \$500,871.41 |
| • Remaining Budget (through Nov. 2020):                                  | \$30,575.59  |

#### Milestone Schedule Summary:

- Submitted draft report in January 2020.
- Completed additional analyses and other work elements requested in EWO No. 2.
- Finalizing study report, including additional requested analyses; see below, pending findings at ST-S-3 metering site.

#### Status of Major Project Tasks:

- Finalized WATS state-of-the-art sewer process model to reflect future lining and flow control operating conditions, including storage/release sequences for selected OMID repair reaches.
- Finalized the conceptual design of permanent vapor-phase and possible temporary liquid-phase odor/corrosion control alternatives.
- Finalized conceptual layouts of several mitigation facilities.
- Updated study report; however, awaiting results from separate fan test at ST-S-3 prior to finalizing this study report. ST-S-3 fan test conducted on 12/01/20 and 12/02/20. Jacobs is currently compiling and analyzing the collected data.

## December 16, 2020 OMIDDD Board Meeting

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### SRF Segment 2 Status:

#### Contract 3 (Base Contract) – Complete, Closeout Pending

**Construction Amt Invoiced:** \$18,011,426.41, as adjusted by C.O. 11.  
**Schedule Status:** Complete July 31, 2014; Overall Contract closeout will be combined with closeout for NESPS Discharge Chamber Emergency Repairs (CO 2-E, et al).

#### Contract 3-2E thru 3-2J (NESPS Gatehouse): Substantially Complete

**Construction Amt Invoiced:** \$5,151,543.52 Invoiced to date including Change Order 2E through 2J.  
**Schedule Status:** Substantially Complete on 11/25/17, with additional Gatehouse lining work performed under Change Order 2-I and completed on March 31, 2019.

Defective Tnemec coating found during final punch list inspection; East side Tnemec repairs are complete, while west side repairs remain delayed as a result of Pump 1 damage incurred in January 2020 during testing. The pump is now repaired and operating normally. The east side Tnemec Repairs continue to be on hold, however, pending availability of Flow Control measures for gatehouse isolation and the availability of the Contractor's work force for the required repair duration (approx. one week). The Segment 2, Contract 3 (Base Contract and Emergency Gatehouse Repairs) remains open pending completion of these repairs.

### SRF Segment 3 Status:

#### Contract 4: Complete

### SRF Segment 4 Status:

#### Contract 5A/5B – Complete

- City of Utica Use Agreement for access paths is pending; awaiting final authorization.

#### Contract 6 – Complete

#### Contract 7 (NIEA 110 feet of Emergency Rehab) – Complete

# December 16, 2020 OMIDDD Board Meeting

## NESPS Odor/Corrosion Mitigation Sys (No Segment or Contract No.)

Engineering Consultant: LG Design, Inc., subsidiary of Jacobs Engineering

Prime Construction Contractor: CSM Mechanical, LLC

### Project Budget Summary:

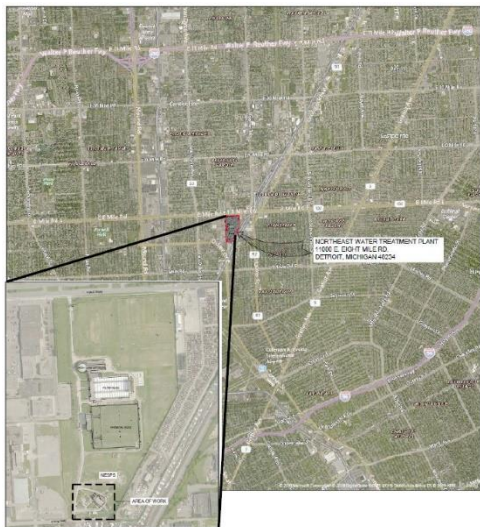
• BioAir Solutions, LLC for Bio-Trickling Filter (BTF) Fabrication:	\$816,570.00
• CSM Mechanical, LLC (Original Contract Value):	\$3,783,390.00
• CSM Mechanical, LLC (Adjusted Contract Value w/ CO No. 1 through CO No. 9):	\$4,198,799.90
• CSM Total Earned, Less Retainage, through 11/30/2020 (Pay App No.15):	\$4,179,747.30
• CSM Balance to Finish w/ Retainage (PA No. 15, work through 10/31/2020):	\$82,350.03
• Jacobs Budget (Design and CA/RPR, per EWO No. 3):	\$1,272,470.46
• Remaining Jacobs Budget (through Nov. 2020):	\$127,266.45

### Milestone Schedule Summary:

- Notice-to-Proceed letter to CSM dated August 1, 2019.
- Interim Substantial Completion, per Contract Amendment, was April 18, 2020, with Final Completion of August 28, 2020. The actual Final Completion date was delayed due to COVID-19 issues and the addition of extra work items but is now mandated to be December 23, 2020.
- Acclimation, Start-up and Testing: Currently complete with the facility in normal operating mode.
- HVAC Improvements: Work on this phase is also considered complete.

### Status of Major Project Tasks:

- All major work is complete and the system is performing as anticipated. Requested extra work and punch list items are now essentially complete.
- The addition of a partial crane roof shelter has been completed. Cleaning and painting of the wet well hatch covers will occur in the immediate future under favorable weather conditions.
- Final adjusting activities remain for air balancing of the wet well HVAC system are now completed.
- HVAC control system components including the master control panel, gas detection panel, and associated strobes, beacons, instruments, and devices have been integrated into one fully functioning HVAC control system (including SCADA) and final startup and commissioning is complete; however, final adjustments remain to complete system air balancing inside the dry well and confirm fully acceptable operation.
- Final aggregate base and concrete paving work will be deleted from the odor/corrosion control project and added to the upcoming pump and electrical rehabilitation project. Fall re-seeding of the vegetated areas surrounding the biotrickling filter equipment pad has taken place to ensure full turf establishment in Spring 2021.



**NESPS Odor/Corrosion Mitigation  
System Project location**

## December 16, 2020 OMIDDD Board Meeting

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*Biotrickling filter in full operational mode*

### NESPS & OMID Maintenance & Repairs Status:

**Amt Invoiced:** \$140,481 thru November out of current \$353,000 ASI engineering budget; Does not include Metco budget for ongoing flow control, maintenance, and coordination.

**Schedule Status:** Ongoing

**Advance modifications to facilitate the “Emergency Contingency Plan” are underway to allow pumping in the event of total power loss at NESPS or other catastrophic failure in the system:**

- Drawings for modifications to accommodate upstream emergency pumping are complete; contractor selected, start of work pending.
- Plan to energize OMID Pump 4 in event of total power loss is complete; A demonstration of the portable generator was completed previously and start of work is pending.
- Advanced emergency plan document to include pumping details and traffic control from pump out locations has been reviewed by technical team; awaiting completion of manhole and electrical modifications to finalize the document.

**Additional work being performed under Metco Maintenance Contract for NESPS:**

- Mechanical and Electrical corrective/preventative maintenance schedules continue to proceed without problem. Shutdown coordination with GLWA Operations for such tasks is working well.
- Monthly Maintenance Contractor meeting held. General maintenance topics discussed.
- Working with GLWA Systems Control to develop a more balanced approach to Sanitary Pump run time.
- Coordination between GLWA, MIDDD, NESPS Odor/Corrosion Control Project (Bio Filter) has not affected station operations nor hindered performance or abilities to meet demands.

# December 16, 2020 OMIDDD Board Meeting

## Overall Station Performance Report:

- Sanitary Pumps #1, #2, #4, #5 and #6 ready for duty. (640 CFS Capacity).
- Sanitary Main Breaker and Sub-Unit Feeder Breakers inspected and cleaned per Preventative Maintenance schedules. Pump motor maintenance also completed.
- Monthly Pump mechanical preventative maintenance scheduled for Dec 16-17.
- Service Elevator rehabilitation complete. Elevator mechanical room improvements complete. Final City of Detroit inspection pending.
- 25 Ton Indoor Crane Bi-Annual inspections completed; report on file. Crane has returned to full service, new IO board installed. A defect found along the south runway rail according to KoneCrane is cause for a “Structural Engineering Study” and “RailQ” inspection, whereby structural data is collected. A proposal for this task is currently under OMID review.
- Wetwell Dewatering Pump has been restored and scheduled to be returned and installed Tuesday Dec 16<sup>th</sup>.
- Ragging (barscreens) and sediment accumulations are of issue; last cleaning was 2018, and there is concern regarding operations and pump run combinations, together with degradation in pass through abilities of bar-screens. Wet well and bar screen cleaning proposal submitted to OMID for review. Walkthrough with contractor was completed.
- Stand-by Generator Programmable Logic Controller (PLC) rehabilitation progressing well. Baseline testing completed. Hardware received. Third week in Dec has been proposed as start-up date.
- Stand-by Generator Diesel Tank and Fuel Line rehab project complete (under WRC O&M Contract w/ PM Technologies). Tank exterior restorations complete (primer/paint, new placards, etc.) Fuel line modifications complete. Formal walkthrough and training Dec 7<sup>th</sup>.
- Knox Box emergency entry safety equipment received and ready for installation. (Detroit Fire Department regulated).
- NEXGEN asset management project progressing well. Asset inventory and data collection progressing well.
- Bio Filter performance normal. Daily readings taken and recorded. Weekly data spreadsheet forwarded to Bio Air for review and discussion. No odor complaints since Oct 8<sup>th</sup>.
- Overall General Housekeeping tasks in order.



**NESPS Fuel Tank Rehab (paint, fittings, fuel lines, etc.)**

## OMID Control Structure Upgrades Status:

**Amt Invoiced:** \$61,977 Engineering services to date; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

**Schedule Status:** Construction substantially complete 8/14/20



## December 16, 2020 OMIDDD Board Meeting

- Hatch and Access improvements complete, including punch list items. Contract close-out is pending resolution of final inspection issues.
- CS-5, CS-6, CS-7, and CS-8 mechanical repairs have been completed and control structures are in stand-by mode, ready for service.
- Critical spare parts and long lead items are a subject of attention. HESCO has developed an inventory list.
- There are currently no issues with system-wide communications after recent MCE upgrades and PLC implementation.
- Verification of the new gate-release logic will be conducted by ASI after several storage events are conducted. ASI will provide the confirmation.

The line item schedule and budgets are summarized:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractors)	Estimated Delivery Date
1	Draft PLC Mods by Metco, MCE, ASI			5/8/2019
2	Field Investigations (roof measurements, etc.)		TBD	5/30/2019
3	CS level sensors design (Metco)		TBD	7/29/2019
4	Comm. System Improvements (Metco)		TBD	8/31/2019
3	Test and implement			4/1/2020
4	50% Design Package			6/20/2019
5	95%, 100% Design Package			9/9/2019
6	Receive Bid(s) for cover mods			11/10/2019
7	Contract Award and NTP for cover mods			12/10/2019
8	Subtotal – Design	TBD		
9	PCI-5 Gate Repairs and final install of level sensors	TBD	TBD	3/31/2020
10	Substantial Completion of Hatch Construction	TBD	TBD	8/15/2020
11	Final Testing and Approval of PLC Mods	TBD	TBD	TBD
12	Final Completion of Construction	\$61,687 (ASI/FKE)	\$400,000 (est.)	TBD



OMID Control Structures Upgrade Project Locations (in red)

# December 16, 2020 OMIDDD Board Meeting

## OMID System Spot Repairs Status:

### Amt Invoiced:

\$58,703 out of original total design budget of \$21,418; Total design and construction budget currently is established as \$1,352,801 (including contingencies and admin/legal).

### Schedule Status:

Second round of bids were received on 11/6/19; awarded 11/20/19.

- Doestch Environmental was awarded the contract at the November 2019 Board Meeting.
- Field work commenced week of 12/1/20, with Contractor Mobilization and the start of manhole leak repairs the following day.
- The current **draft** line item schedule and budget for the OMID System Immediate Repair Project are summarized below:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Field Investigations (Conducted under Warranty Repairs budget)	Part of AMP Project		10/01/2018
2	50% Design Package			4/16/2019
3	95%, 100% Design Package			5/20/2019
4	Issued for Bid/Pricing			7/17/2019
5	Bid Opening (Original)			8/07/2019
6	Revised 100% Design Package			9/20/19
7	Issued for Bid/Pricing			10/8/19
8	Bid Opening (Revised)			11/6/19
6	Contract Award and NTP			1/1/20
	Subtotal - Design	\$21,418		
7	Final Completion of Construction	\$66,122	\$1,352,801	6/5/20 (initial; actual TBD)



OMID Spot Repairs Project Location

Doetsch Environmental Services  
setting up topside for in-sewer work  
on December 1, 2020



## December 16, 2020 OMIDDD Board Meeting

### NIEA Repairs (Study and Design/Construction)

**Amt Invoiced:** \$1,731,156 out of currently projected study/design budget of \$2,400,570; Total construction budget is currently \$14,732,510, not including contingencies and admin/legal.

**Schedule Status:** Bids were received for PCI-4 rehabilitation project; additional field work and investigations are underway for PCI-18 & 19 rehabilitation project. Liner study is 100% complete; PCI-4 design 100% complete; PCI-18 & 19 design approximately 80% complete.

- PCI-4 rehabilitation awarded to Marra Services, Inc. Marra currently preparing for NTP and mobilization in January. Coordinating easement agreement with GLWA to use NESPS site for contractor laydown during PCI-4 rehabilitation.
- PCI-18 and PCI-19 Rehab: Coordination meetings and discussions are ongoing regarding cost sharing of rehabilitation of common to all portions of the NI-EA and new control structures. GLWA is supportive of the general approach for the project.
- 90% design for PCI-18/19 rehabilitation project is underway. Currently finalizing design for
- 7 Mile adit gate structure.

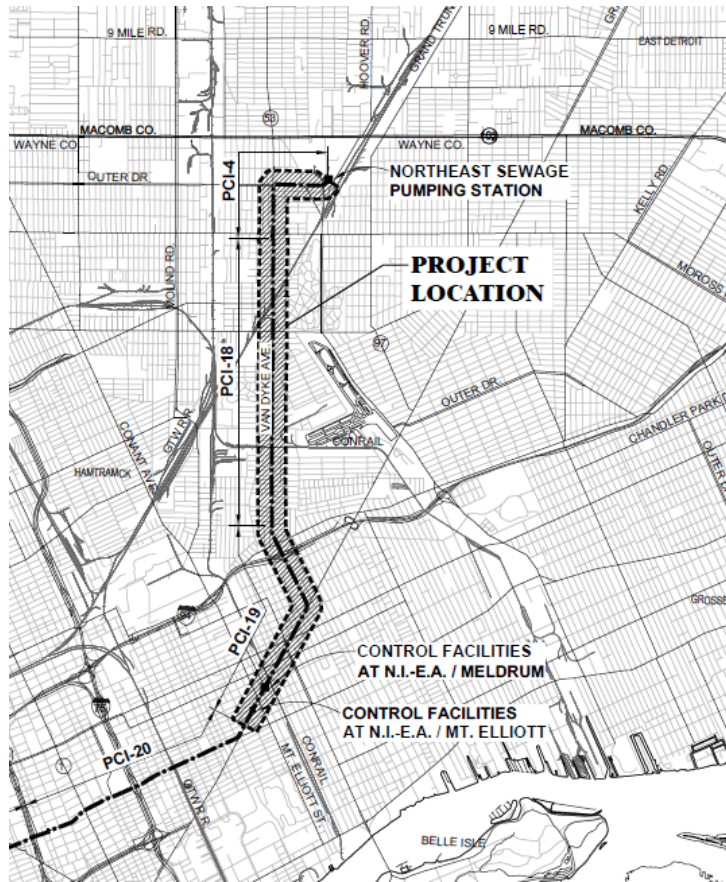
The **draft** line item schedule and budget are summarized:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Lining Study Evaluations & Draft Report			6/15/2019
2	Lining Study Final Report			10/30/2019
	Subtotal - Study	\$126,744		
3	Field Investigations (MASW, SUE, Survey, Geotech, Env. Inv)			10/30/19
4	Basis of Design Draft			9/30/2019
5	50% Design Package			8/30/2019
6	90%, 100% Design Package			3/20/2020 and 4/28/2020
7	MDEQ Submittal (Part 41)			4/28/2020*
8	Issued for Bid			6/10/2020*
9	Bid Opening			9/30/2020*
10	Contract Award and NTP		\$14,732,510	1/12/2020 and 1/04/2021*
	Subtotal - Design	\$2,400,570		
11	Final Completion of Construction – PCI-4 Rehab	\$3,500,000	\$25,000,000	07/23/2022*

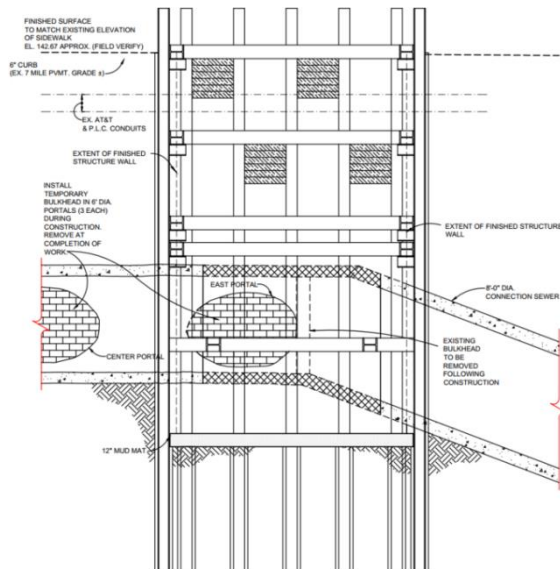
\*These tentative dates are for PCI-4 Rehabilitation Project; PCI-18/19 Rehabilitation is TBD.



# December 16, 2020 OMIDDD Board Meeting



NI-EA OMID Contracts 1 & 2 Project Location



Excerpt from ongoing 7 Mile Adit Gate drawings



Location of Proposed Outer Drive and Van Dyke  
PCI-4 Access Structure

# December 16, 2020 OMIDDD Board Meeting

## NESPS Electrical and Mechanical Upgrades Project

**Budget Status:** \$1,300,538 out of current design budget of \$1,382,430;  
\$178,573 out of the current CCA Budget of \$2,443,262.  
Total design and construction budget currently established as  
\$43,299,889 (including contingencies and admin/legal).

**Schedule Status:** Active work in the field has commenced with the excavation for the proposed Electrical Building now complete, and concrete placement for the column and wall foundations well underway.

The following design work is active:

- A review of alternative energy saving methods and pump sequence remains ongoing. A technical memorandum detailing the proposed pump sequencing was submitted to GLWA for review. GLWA SCC was in agreement of the planning sequencing; formal agreement pending.
- Walsh has developed a guaranteed maximum price (GMP) of \$43,299,889.
- The Design team and Walsh are working together to finalize sequence of construction, manpower loaded schedule, and baseline schedule.
- City of Detroit complete building permit is under review.

The following Construction Services work is active:

- Construction Phase services (RFI's, Submittals) have commenced, and the engineering team is reviewing and responding.
- Received Part 41 permit from EGLE on the construction of the new pumping units and electrical system.
- Walsh team working on an updated cost-loaded construction schedule
- Construction Manager now fully mobilized onsite.
- Work has commenced on the foundation excavation for the proposed Electrical building, including installation of the temporary earth retaining structures (TERS).
- Exterior fuel tanks painted and refurbished (under WRC O&M Contract with PM Technologies)
- The **draft** line item schedule and budget are summarized:

Work Item/ Milestone		Estimated Budget	Estimated Budget	Estimated Delivery Date
1	Draft Basis of Design			5/3/2019
2	Final Basis of Design			5/31/2019
7	MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8	90% Design Submittal			6/30/20
9	Final Package Development			8/14/2020
	Subtotal - Design	\$1,519,275 (including		
10	Substantial Completion	\$2,500,000 (est.)	\$43,300,000 (est.)	3/24/2023
11	Final Completion			6/23/2023



## December 16, 2020 OMIDDD Board Meeting



**NESPS Electrical Building Slab and Wall Installation**



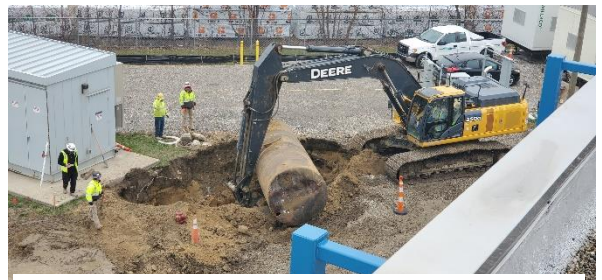
**Temporary Earth Retention System near existing transformer bay**



**NESPS Refurbishment Project Location**



**NESPS Refurbishment spread footing construction**



**NESPS Refurbishment removal of underground storage tank**



# December 16, 2020 OMIDDD Board Meeting

## CS-9 Gate Installation

### Budget Status:

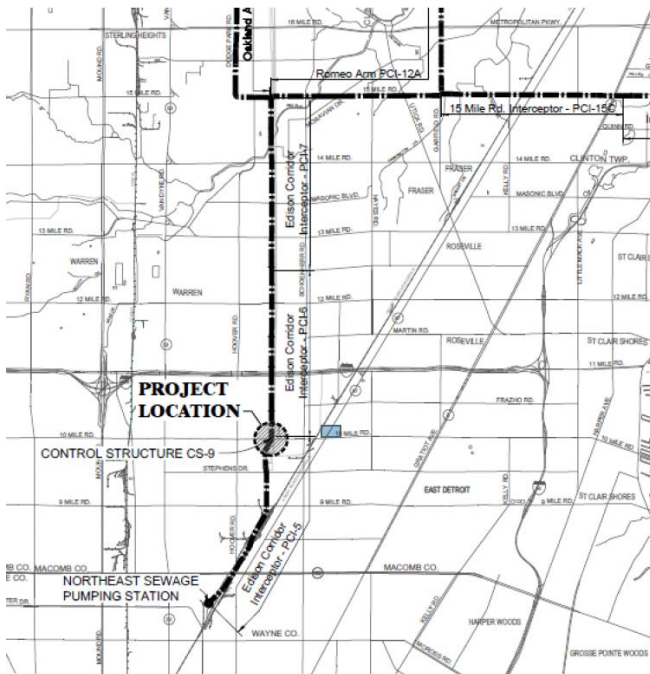
Total design and construction budget currently established as approximately \$3.2M (including contingencies and admin/legal).

### Schedule Status:

Engineering/Design efforts complete; CMAR bidding complete in packages.

The design team is complete with 100% design package for Walsh. With this effort, the following work is active:

- Hydrogate has been selected as the gate manufacturer, and Christman is performing site work.
- Preliminary work has commenced on site with soil erosion controls, perimeter security fencing, and entrance driveway construction now in progress.



CS-9 Gate Installation Project Location



Installation of construction fencing at CS-9 on December 1, 2020

## Other

- No change since last month - - Met with EGLE to discuss continued use of existing and future gates for long term flow control and management in the OMID and NIEA systems. EGLE has no objections; OMID Team drafted a letter to formalize arrangement. Awaiting formal response from EGLE.

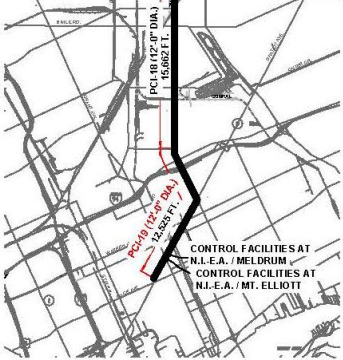
## December 16, 2020 OMIDDD Board Meeting

### Summary of OMID Design and Construction Status:

Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Y	Y	Y	Y	Y
2	Contract 3 (Gatehouse)	IWPC (Weiss)	Y	Y	Y*	N*	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	N*	Y
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Lanzo	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	CSM	Y	N	N	N	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/N	Y/Y/N	N	N	N/A
N/A	OMID Maintenance Repairs	Doetsch	N	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	N	N	N	N	N
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	N
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N

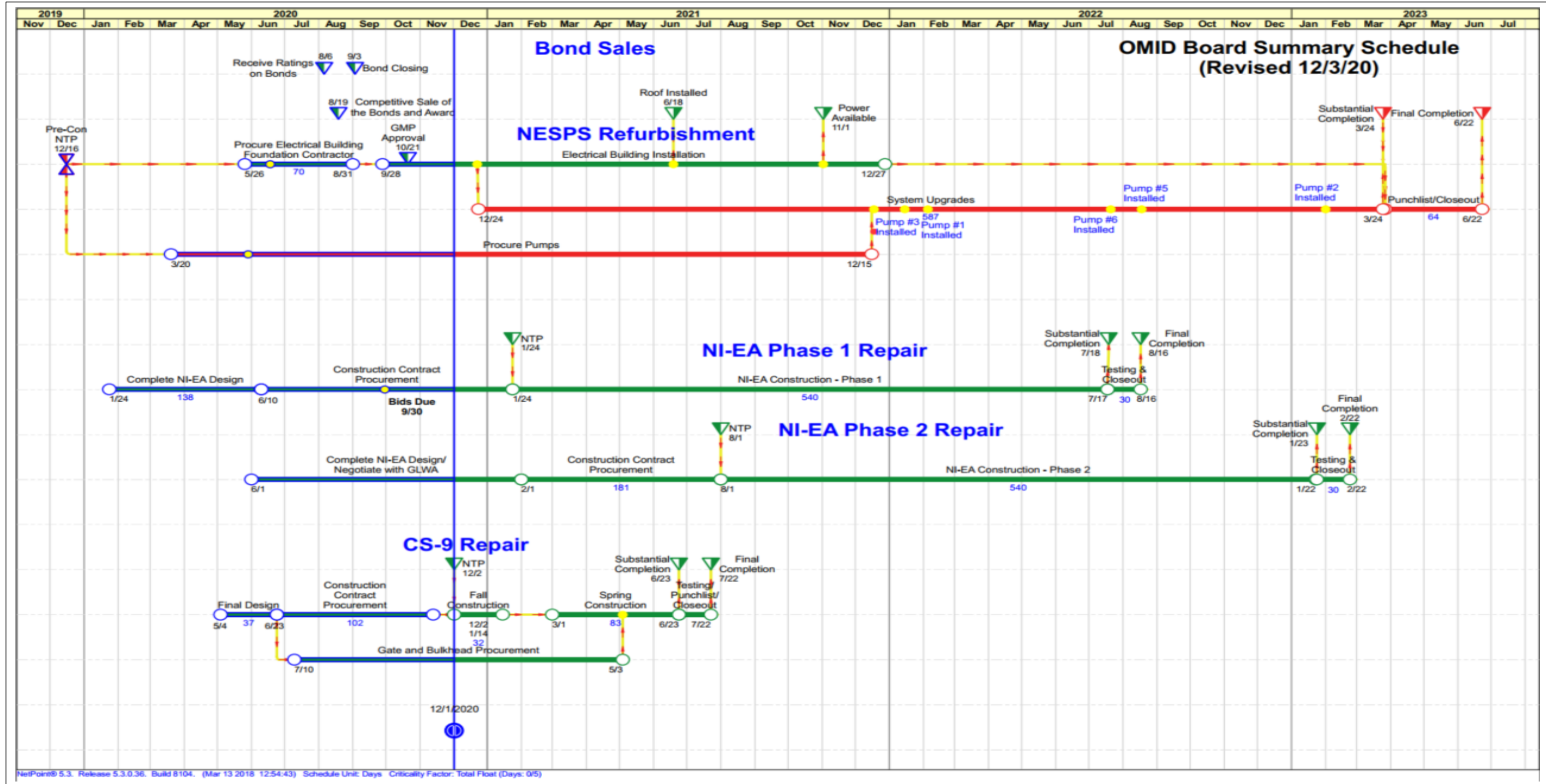
\* In review, pending Coating Issues Resolution and Change Order and Memo of Understanding approvals

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Study	Jacobs	Study ~98% Complete
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
NIEA-OMIDDD Contract 1 (PCI-4)	NTH	Design Complete; NTP Pending
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design ~80% Complete; pursuing cost sharing w/ GLWA
Emergency Pumping Plan	ASI/FKE	Design Complete; Field work pending final award



## Overview of OMID System in Oakland, Macomb, and Wayne County

# December 16, 2020 OMIDDD Board Meeting



OMID Project Schedule Summary



# December 16, 2020 OMIDDD Board Meeting

### MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2020		2021																2022																2023		MID/OMID Control Devices Required to Store Flow											Concurrent Work Notes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9	CS-12	CPS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
MID Grouting (Preliminary schedule has GI and LSI work beginning when OMID grouting has moved upstream of CS-6)	Romeo Arm Interceptor (RAI)	MID	FKE	Doetsch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

Table updated on 12/1/2020. Estimates to be updated as necessary.

\* Flow control from 8/20 through 6/21 will be required for sewer cleaning. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flow" section.

PSPS and ELPS operations can significantly impact storage times upstream of CS-6, 7 & 8 and subsequently downstream control structures. Coordination & alerting for ELPS, PSPS, WRC Meters 1222/1223 & 1000 require

For a linear map  $\varphi$  of  $V$  into  $V$ , the trace of  $\varphi$  is the sum of the diagonal elements of the matrix representing  $\varphi$  in any basis of  $V$ . The trace of  $\varphi$  is denoted by  $\text{tr}(\varphi)$ . The trace of  $\varphi$  is independent of the choice of basis for  $V$ . The trace of  $\varphi$  is equal to the sum of the eigenvalues of  $\varphi$ .


Y = Required to store

N = Required to not store

H = Helpful to extend work times. *If available when not required for concurrent work.*

Irrelevant

Estimated Project Window

	Flow Control Required
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Flow Control Required  
Flow Control May Be Required



## **Agenda Item No. 9**

**Financial Reports – General Financial Report and  
Status of State Revolving Fund Financing and  
Other Financing**

## YTD Trial Balance

Fund: 84914 Oakland Macomb InterceptorSeg3

As of Fiscal Period: Month 3, 2021

Run By: WRC\_REPORTING

Run: 12/10/2020 at 08:54 AM

Scope: 84914 Oakland Macomb InterceptorSeg3

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg3 100000001557	YTD Balance
100100	Cash - Operating	22,744.67	22,744.67	22,744.67
104100	Accrued Interest on Investment	(375.69)	(375.69)	(375.69)
143100	Prepaid Expenses	660.00	660.00	660.00
211100	Due to Primary Government	(327.50)	(327.50)	(327.50)
	Revenues	(46.35)	(46.35)	(46.35)
	Expenditures	231.00	231.00	231.00
	Special Items- Uses	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(22,886.13)	(22,886.13)	(22,886.13)
		0.00	0.00	0.00

Cash as of 12/10/2020 \$ 22,744.67

Invoices / Reimbursments on Current Cash Balance 0.00

Total Net Cash Balance \$ 22,744.67

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### Oakland Macomb InterceptorSeg3

#### 100000001557

(as of December 9, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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#### ADM - Administration

730772 - Freight and Express	0.00	237.38	
730926 - Indirect Costs	0.00	88,274.86	
730940 - Insurance	0.00	374,816.24	
731521 - Public Services	0.00	72,238.27	
732018 - Travel and Conference	0.00	160.44	
771638 - Drain Equip Labor	0.00	216,953.03	
771639 - Drain Equipment	0.00	19,268.57	

#### Administration TOTALS

460,138.00	0.00	771,948.79	(\$311,810.79)
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#### CONT - Contingency

#### Contingency TOTALS

4,581,277.00	0.00	0.00	\$4,581,277.00
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#### ENG - Engineering

702000 - Salaries	0.00	37.74	
722000 - Fringe Benefits	0.00	-25.90	
730772 - Freight and Express	0.00	85.13	
731346 - Personal Mileage	0.00	528.54	
731521 - Public Services	0.00	41,759.18	
732018 - Travel and Conference	0.00	5,546.06	
750140 - Employee Footwear	0.00	75.00	
771638 - Drain Equip Labor	0.00	619,287.86	
771639 - Drain Equipment	0.00	62,383.73	

#### Engineering TOTALS

1,063,145.00	0.00	729,677.34	\$333,467.66
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#### ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	12,856,549.06	
730940 - Insurance	0.00	2,435.63	
731458 - Professional Services	0.00	62,241.27	

#### Engineering Consultant TOTALS

12,471,892.00	0.00	12,921,225.96	(\$449,333.96)
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#### FAC - Facility Acquisition

731472 - Project Construction and Impr	0.00	50,234,735.34	
731521 - Public Services	0.00	2,240.68	

#### Facility Acquisition TOTALS

45,738,545.00	0.00	50,236,976.02	(\$4,498,431.02)
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#### FRINGE\_BENEFITS - Fringe Benefits

722000 - Fringe Benefits	0.00	25.90	
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#### Fringe Benefits TOTALS

0.00	0.00	25.90	(\$25.90)
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#### INS - Inspection

730373 - Contracted Services	0.00	231.00	
731521 - Public Services	0.00	37,329.11	

#### Inspection TOTALS

330,221.00	0.00	37,560.11	\$292,660.89
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#### LEGAL - Legal and Financial

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**Oakland Macomb InterceptorSeg3**  
**100000001557**  
(as of December 9, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
730639 - Engineering Services-Other	0.00	209,748.13	
730772 - Freight and Express	0.00	127.71	
730940 - Insurance	0.00	2,894,717.09	
731073 - Legal Services	0.00	449,564.79	
731451 - Prof Svc-Financial Consultant	0.00	62,305.00	
<b>Legal and Financial TOTALS</b>			
3,737,066.00	0.00	3,616,462.72	\$120,603.28

**ROW - Right of Way**

731038 - Land and Easement	0.00	226,383.45	
731661 - RW Negotiation and Expense	0.00	1,750.00	
<b>Right of Way TOTALS</b>			
11,440.00	0.00	228,133.45	(\$216,693.45)

Project 100000001557 - Oakland Macomb InterceptorSeg3			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$68,393,724.00	\$0.00	\$68,542,010.29	(\$148,286.29)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$3,253,724.00	
631827-Reimb General	\$0.00	\$43,882.94	
655077-Accrued Interest Adjustments	\$5.65	(\$375.69)	
655385-Income from Investments	\$8.19	\$127,480.52	
697753-State Revolving Fund Loans	\$0.00	\$65,140,000.00	
<b>TOTAL REVENUE</b>	<b>\$13.84</b>	<b>\$68,564,711.77</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$22,701.48</b>	

YTD Trial Balance  
Fund: 84915 Oakland Macomb InterceptorSeg4  
As of Fiscal Period: Month 3, 2021

Run By: WRC\_REPORTING  
Run: 12/10/2020 at 08:54 AM  
Scope: 84915 Oakland Macomb InterceptorSeg4

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg4 100000001913	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion StdY Seg4 100000002708	YTD Balance
100100	Cash - Operating	283,467.97	187,537.79	27,162.74	68,767.44	283,467.97
104100	Accrued Interest on Investment	42,337.86	42,337.86	0.00	0.00	42,337.86
211100	Due to Primary Government	(44,548.63)	(17,277.62)	(364.63)	(26,906.38)	(44,548.63)
	Revenues	(907.60)	94,092.40	0.00	(95,000.00)	(907.60)
697551	Issuance of Bonds	0.00	105,000.00	0.00	(105,000.00)	0.00
	Expenditures	30,886.61	0.00	1,654.56	29,232.05	30,886.61
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(311,236.21)	(411,690.43)	(28,452.67)	128,906.89	(311,236.21)
		(0.00)	0.00	(0.00)	0.00	0.00

SRF (SAW Loan) final draw request received January 2017.

Cash as of 12/10/2020	\$	283,467.97
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Gatehouse on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance		(20,474.30)
Total Net Cash Balance	\$	<u>262,993.67</u>

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### Oakland Macomb InterceptorSeg4

#### 100000001913

(as of December 9, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	63,879.05	
730940 - Insurance		0.00	67,871.13	
731115 - Licenses and Permits		0.00	320,000.00	
731521 - Public Services		0.00	14,235.58	
732165 - Workshops and Meeting		0.00	29.66	
771638 - Drain Equip Labor		0.00	4,607.71	
771639 - Drain Equipment		0.00	269.47	
<b>Administration TOTALS</b>				
	390,165.00	0.00	470,892.60	(\$80,727.60)
<b>ENG - Engineering</b>				
731346 - Personal Mileage		0.00	13,783.77	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		0.00	750,197.86	
771639 - Drain Equipment		0.00	82,464.04	
<b>Engineering TOTALS</b>				
	484,153.00	0.00	887,050.67	(\$402,897.67)
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
<b>Engineering Consultant TOTALS</b>				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
<b>FAC - Facility Acquisition</b>				
731472 - Project Construction and Impr		0.00	14,058,313.68	
731521 - Public Services		0.00	6,798.84	
750294 - Material and Supplies		0.00	228.00	
<b>Facility Acquisition TOTALS</b>				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
<b>INS - Inspection</b>				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
<b>Inspection TOTALS</b>				
	17,408.00	0.00	17,408.94	(\$0.94)
<b>LEGAL - Legal and Financial</b>				
730639 - Engineering Services-Other		0.00	8,398.96	
730940 - Insurance		0.00	54,526.58	
731073 - Legal Services		0.00	124,753.11	
793938 - Discount on Bonds		0.00	6,964.10	
<b>Legal and Financial TOTALS</b>				
	191,321.00	0.00	194,642.75	(\$3,321.75)
<b>ROW - Right of Way</b>				
731563 - Recording Fees		0.00	50.67	
<b>Right of Way TOTALS</b>				
	0.00	0.00	50.67	(\$50.67)

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**Oakland Macomb InterceptorSeg4**  
**100000001913**  
 (as of December 9, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 100000001913 - Oakland Macomb InterceptorSeg4</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$19,583,909.00	\$0.00	\$19,229,736.75	\$354,172.25
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	\$0.00	\$8,390,730.35	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	\$73.64	\$42,337.86	
655385-Income from Investments	\$106.72	\$650,276.15	
697551-Issuance of Bonds	\$0.00	\$763,639.65	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
<b>TOTAL REVENUE</b>	<b>\$180.36</b>	<b>\$19,442,334.78</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$212,598.03</b>	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMI NESPS GATEHOUSE SEG4

#### 100000002232

(as of December 9, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**

730926 - Indirect Costs	0.00	1,217.23	
771638 - Drain Equip Labor	0.00	53.43	

**Administration TOTALS**

9,472.00	0.00	1,270.66	\$8,201.34
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**CONT - Contingency**
**Contingency TOTALS**

93,209.00	0.00	0.00	\$93,209.00
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**ENG - Engineering**

771638 - Drain Equip Labor	544.04	13,440.49	
771639 - Drain Equipment	20.93	585.50	

**Engineering TOTALS**

59,699.00	564.97	14,025.99	\$45,673.01
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other	0.00	1,248,846.74	
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**Engineering Consultant TOTALS**

496,981.00	0.00	1,248,846.74	(\$751,865.74)
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**FAC - Facility Acquisition**

731472 - Project Construction and Impr	0.00	3,456,264.64	
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**Facility Acquisition TOTALS**

3,748,637.00	0.00	3,456,264.64	\$292,372.36
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**INS - Inspection**

771638 - Drain Equip Labor	0.00	1,277.93	
771639 - Drain Equipment	0.00	59.93	

**Inspection TOTALS**

5,000.00	0.00	1,337.86	\$3,662.14
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**LEGAL - Legal and Financial**

731073 - Legal Services	0.00	1,456.00	
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**Legal and Financial TOTALS**

6,000.00	0.00	1,456.00	\$4,544.00
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Project 100000002232 - OMI NESPS GATEHOUSE SEG4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$4,418,998.00	\$564.97	\$4,723,201.89	(\$304,203.89)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$2,434,988.28	
697551-Issuance of Bonds	\$0.00	\$2,315,011.72	
TOTAL REVENUE	\$0.00	\$4,750,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$26,798.11	



# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### NESPS Odor Corrosion Stdy Seg4

#### 100000002708

(as of December 9, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	25,041.48	
730940 - Insurance		0.00	88,400.00	
<b>Administration TOTALS</b>				
	188,148.00	0.00	113,441.48	\$74,706.52
<b>CONT - Contingency</b>				
<b>Contingency TOTALS</b>				
	637,000.00	0.00	0.00	\$637,000.00
<b>ENG - Engineering</b>				
771638 - Drain Equip Labor		803.34	112,071.11	
771639 - Drain Equipment		38.00	4,163.70	
<b>Engineering TOTALS</b>				
	206,253.00	841.34	116,234.81	\$90,018.19
<b>ENGCON - Engineering Consultant</b>				
730373 - Contracted Services		0.00	1,210,212.01	
730639 - Engineering Services-Other		0.00	59,195.44	
<b>Engineering Consultant TOTALS</b>				
	1,073,000.00	0.00	1,269,407.45	(\$196,407.45)
<b>FAC - Facility Acquisition</b>				
730352 - Construction		0.00	652,723.40	
731472 - Project Construction and Impr		0.00	4,144,900.02	
<b>Facility Acquisition TOTALS</b>				
	4,600,000.00	0.00	4,797,623.42	(\$197,623.42)
<b>INS - Inspection</b>				
771638 - Drain Equip Labor		0.00	212,352.47	
771639 - Drain Equipment		0.00	32,443.08	
<b>Inspection TOTALS</b>				
	190,343.00	0.00	244,795.55	(\$54,452.55)
<b>LEGAL - Legal and Financial</b>				
731073 - Legal Services		0.00	1,744.00	
<b>Legal and Financial TOTALS</b>				
	15,000.00	0.00	1,744.00	\$13,256.00
<b>ROW - Right of Way</b>				
<b>Right of Way TOTALS</b>				
	46,000.00	0.00	0.00	\$46,000.00
<b>STD - Standard Operation</b>				
730352 - Construction		0.00	116,361.10	
730926 - Indirect Costs		0.00	3,729.80	
730940 - Insurance		0.00	139,930.93	
731906 - Testing Services		0.00	31,382.05	
771638 - Drain Equip Labor		0.00	4,612.42	
771639 - Drain Equipment		0.00	2,460.60	
<b>Standard Operation TOTALS</b>				
	38,010.00	0.00	298,476.90	(\$260,466.90)
<b>SUR - Survey Crew</b>				

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS Odor Corrosion Stdy Seg4**  
**100000002708**  
 (as of December 9, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Survey Crew TOTALS</b>			
10,246.00	0.00	0.00	\$10,246.00

<b>Project 100000002708 - NESPS Odor Corrosion Stdy Seg4</b>			
<b>Total Project Expenses</b>			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$7,004,000.00	\$841.34	\$6,841,723.61	\$162,276.39
<b>Total Project Revenue</b>			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$3,222,236.04	
697551-Issuance of Bonds	\$0.00	\$3,661,348.63	
<b>TOTAL REVENUE</b>	<b>\$0.00</b>	<b>\$6,883,584.67</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		\$41,861.06	

ACCOUNT		YTD Balance Total Fund	YTD Balance No Project	OMID Segment 5 100000003252	OMID NI-EA CONSTRUCTION 100000003308	NESPS MECH-ELEC CONSTRUCTION 100000003309	YTD Balance All Grants
100100	Cash - Operating	83,356,357.53	0.00	83,304,291.21	15,691.04	36,375.28	83,356,357.53
104100	Accrued Interest on Investment	(65,600.36)	0.00	(65,600.36)	0.00	0.00	(65,600.36)
	Revenues	220,895.04	402,211.79	(165,464.47)	(4,529.22)	(11,323.06)	220,895.04
697551	Issuance of Bonds	0.00	0.00	54,147.72	(15,470.78)	(38,676.94)	(0.00)
	Expenditures	17,933.68	0.00	0.00	4,308.96	13,624.72	17,933.68
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(83,529,585.89)	(402,211.79)	(83,127,374.10)	0.00	0.00	(83,529,585.89)
		0.00	0.00	0.00	0.00	(0.00)	0.00

Cash as of 12/11/2020 \$ 83,356,357.53

Invoices/Reimbursements for Seg 5 Bond Project on Current Agenda impacting Cash Balance 0.00

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (69,071.74)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (219,410.94)

Total Net Cash Balance \$ 83,067,874.85

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID NI-EA CONSTRUCTION

#### 100000003308

(as of December 11, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**
**Administration TOTALS**

584,000.00	0.00	0.00	\$584,000.00
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**CONT - Contingency**
**Contingency TOTALS**

2,581,000.00	0.00	0.00	\$2,581,000.00
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**ENG - Engineering**

771638 - Drain Equip Labor

1,169.59

1,169.59

771639 - Drain Equipment

42.78

42.78

**Engineering TOTALS**

478,000.00	1,212.37	1,212.37	\$476,787.63
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**ENGCON - Engineering Consultant**
**Engineering Consultant TOTALS**

4,913,000.00	0.00	0.00	\$4,913,000.00
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**FAC - Facility Acquisition**
**Facility Acquisition TOTALS**

17,983,600.00	0.00	0.00	\$17,983,600.00
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**INS - Inspection**
**Inspection TOTALS**

260,000.00	0.00	0.00	\$260,000.00
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**LEGAL - Legal and Financial**
**Legal and Financial TOTALS**

1,259,000.00	0.00	0.00	\$1,259,000.00
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**ROW - Right of Way**

771638 - Drain Equip Labor

2,978.46

2,978.46

771639 - Drain Equipment

118.13

118.13

**Right of Way TOTALS**

265,000.00	3,096.59	3,096.59	\$261,903.41
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**STD - Standard Operation**
**Standard Operation TOTALS**

40,000.00	0.00	0.00	\$40,000.00
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**SUR - Survey Crew**
**Survey Crew TOTALS**

32,000.00	0.00	0.00	\$32,000.00
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Project 100000003308 - OMID NI-EA CONSTRUCTION			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$28,395,600.00	\$4,308.96	\$4,308.96	\$28,391,291.04
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$4,529.22	\$4,529.22	

**Water Resources Commissioner****PROJECT WORK IN PROGRESS****OMID NI-EA CONSTRUCTION****100000003308**

(as of December 11, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
697551-Issuance of Bonds	\$15,470.78	\$15,470.78	
TOTAL REVENUE	\$20,000.00	\$20,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$15,691.04	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### NESPS MECH-ELEC CONSTRUCTION

#### 100000003309

(as of December 11, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**
**Administration TOTALS**

620,000.00	0.00	0.00	\$620,000.00
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**CONT - Contingency**
**Contingency TOTALS**

4,917,000.00	0.00	0.00	\$4,917,000.00
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**ENG - Engineering**

771638 - Drain Equip Labor

6,388.89

6,660.62

771639 - Drain Equipment

329.47

336.95

**Engineering TOTALS**

446,000.00	6,718.36	6,997.57	\$439,002.43
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**ENGCON - Engineering Consultant**
**Engineering Consultant TOTALS**

3,987,000.00	0.00	0.00	\$3,987,000.00
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**FAC - Facility Acquisition**
**Facility Acquisition TOTALS**

40,857,000.00	0.00	0.00	\$40,857,000.00
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**INS - Inspection**

771638 - Drain Equip Labor

5,817.87

5,817.87

771639 - Drain Equipment

809.28

809.28

**Inspection TOTALS**

285,000.00	6,627.15	6,627.15	\$278,372.85
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**LEGAL - Legal and Financial**
**Legal and Financial TOTALS**

2,417,000.00	0.00	0.00	\$2,417,000.00
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**ROW - Right of Way**
**Right of Way TOTALS**

393,000.00	0.00	0.00	\$393,000.00
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**STD - Standard Operation**
**Standard Operation TOTALS**

130,000.00	0.00	0.00	\$130,000.00
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**SUR - Survey Crew**
**Survey Crew TOTALS**

34,000.00	0.00	0.00	\$34,000.00
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Project 100000003309 - NESPS MECH-ELEC CONSTRUCTION			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$54,086,000.00	\$13,345.51	\$13,624.72	\$54,072,375.28
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$11,323.06	\$11,323.06	

**Water Resources Commissioner****PROJECT WORK IN PROGRESS****NESPS MECH-ELEC CONSTRUCTION****100000003309**

(as of December 11, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
697551-Issuance of Bonds	\$38,676.94	\$38,676.94	
TOTAL REVENUE	\$50,000.00	\$50,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$36,375.28	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID Segment 5

### 100000003252

(as of December 11, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**

730177 - Bond Issuing Cost	0.00	242,201.57	
<b>Administration TOTALS</b>	0.00	242,201.57	(\$242,201.57)

**LEGAL - Legal and Financial**

730177 - Bond Issuing Cost	0.00	514,935.00	
<b>Legal and Financial TOTALS</b>	0.00	514,935.00	(\$514,935.00)

Project 100000003252 - OMID Segment 5			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$0.00	\$0.00	\$757,136.57	(\$757,136.57)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	(\$474.68)	\$18,996,049.06	
655077-Accrued Interest Adjustments	\$20,713.46	(\$65,600.36)	
655385-Income from Investments	\$30,017.05	\$231,259.57	
655462-Increase Market Value Invest	\$0.00	(\$401,669.67)	
697219-Premiums on Bonds Sold	\$0.00	\$7,672,724.75	
697551-Issuance of Bonds	(\$54,147.72)	\$57,160,852.28	
<b>TOTAL REVENUE</b>	<b>(\$3,891.89)</b>	<b>\$83,593,615.63</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$82,836,479.06</b>	



Oakland County - Water Resources Commissioner's Office  
Fund Equity: Schedule of Reserves and Dedicated Funds  
As of Date: November 30, 2020

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	3,035,787.12	83,333.34	2,461,053.46	17,597,069.85		23,177,243.77
84914	OMIDD Seg 3						
	- Project 1-1557 Interceptor Seg 3					22,701.48	22,701.48
84915	OMIDD Seg 4						
	- Project 1-1913 Interceptor Seg 4					212,598.03	212,598.03
	- Project 1-2232 NESPS Gatehouse					26,798.11	26,798.11
	- Project 1-2708 NESPS Odor Corrosion Study					41,861.06	41,861.06
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					82,836,479.06	82,836,479.06
	- Project 1-3308 NIEA Mech. / Elect. Const.					15,691.04	15,691.04
	- Project 1-3309 NESPS Construction					36,375.28	36,375.28
Total Equity in Maintenance and Construction Funds							<u>106,369,747.83</u>

**NOTE: This report presents pre-closing figures and as such are subject to change**

**OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS**

OMI DD Meeting Date 12/16/2020

		84914	84915	84915	84915	84915	84917	84917	84917	82912	
		1-1557	1-1913	1-2232	1-2232	1-2708	1-3252	1-3308	1-3309		
<b>Payable To</b>	<b>Invoice #</b>	<b><u>Segment 3</u></b>	<b><u>Segment 4</u></b>	<b><u>Segment 4 - NESPS Gate House</u></b>	<b><u>Segment 4 - NIEA East Arm</u></b>	<b><u>Segment 4 - NESPS Odor Corrosion Study</u></b>	<b><u>Segment 5 Debt Issue Project</u></b>	<b><u>Segment 5 NIEA Construction</u></b>	<b><u>Segment 5 NESPS Mech / Electric Construction</u></b>	<b><u>Opperation &amp; Maintenance</u></b>	<b><u>Total</u></b>
Oakland County *	WRC Labor/Fringes/Non-direct Labor			699.48		7,925.01		4,148.05	12,478.49		\$25,251.03
Oakland County *	WRC Equipment			26.91		993.87		160.91	1,146.23		\$2,327.92
Applied Science, Inc	Invoice # 21 (ASI Inv. #7713) Services Through 10/31/20								130,016.22	2,984.36	\$133,000.58
Applied Science, Inc	Invoice # 22 (ASI Inv. #7738) Services Through 11/28/20								83,777.99	289.80	\$84,067.79
CH2M - Jacobs	Invoice # 697317CH027 Services Through 11/27/20					4,987.01					\$4,987.01
CH2M - LG Design, Inc	Invoice # 705773CH022 Services Through 11/27/20					15,487.29					\$15,487.29
Clark Hill PLC	Invoice # 1044382 Matter 316432 Through 11/30/20							594.00			\$594.00
CDM Smith	Invoice # 90111002 Flow Meter Management & Billing Support									4,905.26	\$4,905.26
Dickinson Wright PLLC	Invoice # 1528910 Matter 012840-00418 Service through10/31/20									1,540.00	\$1,540.00
Dickinson Wright PLLC	Invoice # 1528910 Matter 012840-00418 (Revision) Service through10/31/20									5,345.22	\$5,345.22
METCO	Invoice # 1811-23 Through 11/29/20									75,741.18	\$75,741.18
NTH Consultants	Inv # 02 NESPS Pumping and Electrical Upgrades Service Through 11/20/20								5,616.73		\$5,616.73
NTH Consultants	Inv # 08 NESPS Hydraulic Gate - Structure (CS-9) Service Through 11/20/20							7,867.98			\$7,867.98
NTH Consultants	Inv # 18 - OMIDD NI-EA Rehab Services Through 11/20/20							60,609.76			\$60,609.76
NTH Consultants	Inv # 22 - OMIDD System Immediate Repair Service Through 11/20/20									5,777.56	\$5,777.56
PM Technologies	Invoice # 0000143668 Preventative Maint NESPS Gen 1 - 10/7/20									358.33	\$358.33
PM Technologies	Invoice # 0000143669 Preventative Maint NESPS Gen 2 - 10/7/20									358.33	\$358.33
PM Technologies	Invoice # 0000143670 Preventative Maint NESPS Gen 3 - 10/7/20									358.33	\$358.33
PMA Consultants	Invoice # 03559.01 - 6 Professional Services Through 11/30/20								6,696.80		\$6,696.80
Rotor Electric Company	Invoice # 12356 Switchgear Maintenance and Testing 7/23/20									11,424.28	\$11,424.28
Rotor Electric Company	Invoice # 12358 Switchgear Maintenance and Testing 9/1/20									9,559.55	\$9,559.55
Total Invoices/Reimbursements for Approval		\$0.00	\$0.00	\$726.39	\$0.00	\$29,393.18	\$0.00	\$73,380.70	\$233,035.66	\$118,642.20	\$455,178.13
	* Less WRC Charges already paid from OMI Fund	0.00	0.00	(726.39)	0.00	(8,918.88)	0.00	(4,308.96)	(13,624.72)	0.00	(27,578.95)
	** Less amount being paid from Retainage Account										0.00
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain		\$0.00	\$0.00	\$0.00	\$0.00	\$20,474.30	\$0.00	\$69,071.74	\$219,410.94	\$118,642.20	\$427,599.18

## **Agenda Item No. 10**

### **Invoices**

OMI Segment 4 NESPS Gatehouse Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
525985	12/04/2020	11/23/2020	PARROTT, JEFFREY	3.00	\$233.16	REGULAR	WRCROW	100000002232	ENG
525985	11/20/2020	11/18/2020	PARROTT, JEFFREY	2.00	\$155.44	REGULAR	WRCROW	100000002232	ENG
525985	12/04/2020	11/24/2020	PARROTT, JEFFREY	2.00	\$155.44	REGULAR	WRCROW	100000002232	ENG
525985	12/04/2020	11/25/2020	PARROTT, JEFFREY	2.00	\$155.44	REGULAR	WRCROW	100000002232	ENG
					\$699.48				

OMI NESPS Gatehouse Project - WRC Equipment Charges for Trans Dates - 11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
525985	12/04/2020	11/25/2020	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002232	ENG
525985	12/04/2020	11/23/2020	PARROTT, JEFFREY	3.00	\$1.20	ASSIGNED	Cell Phone	100000002232	ENG
525985	12/04/2020	11/23/2020	PARROTT, JEFFREY	3.00	\$7.02	ASSIGNED	PC/Computer	100000002232	ENG
525985	12/04/2020	11/25/2020	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002232	ENG
525985	12/04/2020	11/25/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
525985	12/04/2020	11/23/2020	PARROTT, JEFFREY	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000002232	ENG
525985	11/20/2020	11/18/2020	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002232	ENG
525985	11/20/2020	11/18/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
525985	11/20/2020	11/18/2020	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002232	ENG
525985	12/04/2020	11/24/2020	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002232	ENG
525985	12/04/2020	11/24/2020	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002232	ENG
525985	12/04/2020	11/24/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
					\$26.91				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									\$0.00

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	11/09/2020	10/28/2020	BROWN, JOEL	1.00	\$110.88	REGULAR	WRCCON	100000002708	ENG
864521	11/09/2020	10/30/2020	BROWN, JOEL	1.50	\$166.32	REGULAR	WRCCON	100000002708	ENG
864521	11/23/2020	11/10/2020	BROWN, JOEL	2.00	\$217.38	REGULAR	WRCCON	100000002708	ENG
864521	11/23/2020	11/13/2020	BROWN, JOEL	1.00	\$108.69	REGULAR	WRCCON	100000002708	ENG
864521	11/23/2020	11/17/2020	BROWN, JOEL	1.00	\$108.69	REGULAR	WRCCON	100000002708	ENG
			<b>BROWN, JOEL Total</b>		<b>\$711.96</b>				
951584	11/09/2020	11/09/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/10/2020	11/10/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/12/2020	11/12/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/13/2020	11/13/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/16/2020	11/16/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/17/2020	11/17/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/18/2020	11/18/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/19/2020	11/19/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
951584	11/20/2020	11/20/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000002708	INS
			<b>CODE, JEFFREY Total</b>		<b>\$627.66</b>				
864521	12/04/2020	11/24/2020	LOCKHART, SIDNEY	1.00	\$122.86	REGULAR	WRCADM	100000002708	ENG
864521	12/04/2020	12/03/2020	LOCKHART, SIDNEY	1.00	\$122.86	REGULAR	WRCADM	100000002708	ENG
864521	12/04/2020	12/04/2020	LOCKHART, SIDNEY	1.00	\$122.86	REGULAR	WRCADM	100000002708	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$368.58</b>				
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000002708	INS
951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000002708	INS
951584	11/11/2020	11/11/2020	ROBERTS, PATRICK	11.50	\$752.68	HOLIDAY	WRCCDM	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	2.50	\$163.63	OVERTIME	WRCCDM	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	3.00	\$196.35	OVERTIME	WRCCDM	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	1.50	\$98.18	OVERTIME	WRCCDM	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	3.00	\$196.35	OVERTIME	WRCCDM	100000002708	INS
			<b>ROBERTS, PATRICK Total</b>		<b>\$6,216.81</b>				
			<b>Grand Total</b>		<b>\$7,925.01</b>				

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	11/09/2020	10/28/2020	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	11/09/2020	10/28/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	11/09/2020	10/28/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	11/09/2020	10/30/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	11/09/2020	10/30/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	11/09/2020	10/30/2020	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	11/23/2020	11/10/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	11/23/2020	11/10/2020	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	11/23/2020	11/10/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	11/23/2020	11/13/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	11/23/2020	11/13/2020	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	11/23/2020	11/13/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	11/23/2020	11/17/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	11/23/2020	11/17/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	11/23/2020	11/17/2020	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
			<b>BROWN, JOEL Total</b>		<b>\$19.44</b>				
951584	11/09/2020	11/09/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/09/2020	11/09/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/09/2020	11/09/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/10/2020	11/10/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/10/2020	11/10/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/10/2020	11/10/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/12/2020	11/12/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/12/2020	11/12/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/12/2020	11/12/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/13/2020	11/13/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/13/2020	11/13/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/13/2020	11/13/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/16/2020	11/16/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/16/2020	11/16/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/16/2020	11/16/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/17/2020	11/17/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/17/2020	11/17/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/17/2020	11/17/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/18/2020	11/18/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/18/2020	11/18/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/18/2020	11/18/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/19/2020	11/19/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/19/2020	11/19/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/19/2020	11/19/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
951584	11/20/2020	11/20/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/20/2020	11/20/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
951584	11/20/2020	11/20/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
			<b>CODE, JEFFREY Total</b>		<b>\$75.87</b>				
864521	12/04/2020	11/24/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	12/04/2020	11/24/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	12/04/2020	11/24/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	12/04/2020	11/24/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	12/04/2020	12/03/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	12/04/2020	12/03/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	12/04/2020	12/03/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	12/04/2020	12/03/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	12/04/2020	12/04/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	12/04/2020	12/04/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	12/04/2020	12/04/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	12/04/2020	12/04/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$26.04</b>				
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	INS
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	INS
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/09/2020	11/09/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	INS



951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	INS
951584	11/10/2020	11/10/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/11/2020	11/11/2020	ROBERTS, PATRICK	11.50	\$65.44	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/11/2020	11/11/2020	ROBERTS, PATRICK	11.50	\$4.60	ASSIGNED	Cell Phone	100000002708	INS
951584	11/11/2020	11/11/2020	ROBERTS, PATRICK	11.50	\$26.91	ASSIGNED	PC/Computer	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	2.50	\$14.23	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	2.50	\$1.00	ASSIGNED	Cell Phone	100000002708	INS
951584	11/12/2020	11/12/2020	ROBERTS, PATRICK	2.50	\$5.85	ASSIGNED	PC/Computer	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	3.00	\$17.07	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/13/2020	11/13/2020	ROBERTS, PATRICK	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/16/2020	11/16/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/17/2020	11/17/2020	ROBERTS, PATRICK	1.50	\$8.54	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/18/2020	11/18/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/20/2020	11/19/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	INS
951584	11/20/2020	11/20/2020	ROBERTS, PATRICK	3.00	\$17.07	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
			<b>ROBERTS, PATRICK Total</b>		<b>\$872.52</b>				
			<b>Grand Total</b>		<b>\$993.87</b>				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									\$ -

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	44158.4144	44144	BROWN, JOEL	2	217.38	REGULAR	WRCCON	100000003308	ENG
984657	44158.4147	44152	BROWN, JOEL	2	217.38	REGULAR	WRCCON	100000003308	ENG
984657	44158.41481	44153	BROWN, JOEL	3.5	380.42	REGULAR	WRCCON	100000003308	ENG
984657	44158.41497	44155	BROWN, JOEL	1	108.69	REGULAR	WRCCON	100000003308	ENG
			<b>BROWN, JOEL Total</b>		<b>923.87</b>				
984662	44169.48998	44158	CRANDALL, BRIAN	2	126.90	REGULAR	WRCROW	100000003308	ROW
984662	44169.49027	44159	CRANDALL, BRIAN	3	190.35	REGULAR	WRCROW	100000003308	ROW
984662	44169.49072	44160	CRANDALL, BRIAN	3	190.35	REGULAR	WRCROW	100000003308	ROW
984662	44169.49095	44165	CRANDALL, BRIAN	3	190.35	REGULAR	WRCROW	100000003308	ROW
984662	44169.49117	44166	CRANDALL, BRIAN	3	190.35	REGULAR	WRCROW	100000003308	ROW
984662	44169.49145	44167	CRANDALL, BRIAN	3	190.35	REGULAR	WRCROW	100000003308	ROW
984662	44169.49163	44168	CRANDALL, BRIAN	3	190.35	REGULAR	WRCROW	100000003308	ROW
984662	44169.49189	44169	CRANDALL, BRIAN	2	126.90	REGULAR	WRCROW	100000003308	ROW
			<b>CRANDALL, BRIAN Total</b>		<b>1,395.90</b>				
984662	44168.59406	44167	LAWREY, DAVID	3	209.22	REGULAR	WRCROW	100000003308	ROW
			<b>LAWREY, DAVID Total</b>		<b>209.22</b>				
984657	44169.6011	44159	LOCKHART, SIDNEY	1	122.86	REGULAR	WRCADM	100000003308	ENG
984657	44169.60137	44165	LOCKHART, SIDNEY	1	122.86	REGULAR	WRCADM	100000003308	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>245.72</b>				
984662	44169.33348	44165	PARROTT, JEFFREY	2	155.44	REGULAR	WRCROW	100000003308	ROW
984662	44169.33365	44166	PARROTT, JEFFREY	3	233.16	REGULAR	WRCROW	100000003308	ROW
984662	44169.33378	44167	PARROTT, JEFFREY	4	310.88	REGULAR	WRCROW	100000003308	ROW
984662	44169.33392	44168	PARROTT, JEFFREY	3	233.16	REGULAR	WRCROW	100000003308	ROW
984662	44169.34153	44165	PARROTT, JEFFREY	1	88.14	OVERTIME	WRCROW	100000003308	ROW
984662	44169.34167	44166	PARROTT, JEFFREY	2	176.28	OVERTIME	WRCROW	100000003308	ROW
984662	44169.34181	44167	PARROTT, JEFFREY	2	176.28	OVERTIME	WRCROW	100000003308	ROW
			<b>PARROTT, JEFFREY Total</b>		<b>1,373.34</b>				
			<b>Grand Total</b>		<b>4,148.05</b>				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	44158.4144	44144	BROWN, JOEL	2	0.8	ASSIGNED	Cell Phone	10000003308	ENG
984657	44158.4144	44144	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	44158.4144	44144	BROWN, JOEL	2	0.5	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	44158.4147	44152	BROWN, JOEL	2	0.8	ASSIGNED	Cell Phone	10000003308	ENG
984657	44158.4147	44152	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	44158.4147	44152	BROWN, JOEL	2	0.5	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	44158.41481	44153	BROWN, JOEL	3.5	1.4	ASSIGNED	Cell Phone	10000003308	ENG
984657	44158.41481	44153	BROWN, JOEL	3.5	8.19	ASSIGNED	PC/Computer	10000003308	ENG
984657	44158.41481	44153	BROWN, JOEL	3.5	0.88	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	44158.41497	44155	BROWN, JOEL	1	0.4	ASSIGNED	Cell Phone	10000003308	ENG
984657	44158.41497	44155	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	44158.41497	44155	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
			<b>BROWN, JOEL Total</b>		<b>25.42</b>				
984662	44169.48998	44158	CRANDALL, BRIAN	2	0.8	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.48998	44158	CRANDALL, BRIAN	2	4.68	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.49027	44159	CRANDALL, BRIAN	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.49027	44159	CRANDALL, BRIAN	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.49072	44160	CRANDALL, BRIAN	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.49072	44160	CRANDALL, BRIAN	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.49095	44165	CRANDALL, BRIAN	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.49095	44165	CRANDALL, BRIAN	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.49117	44166	CRANDALL, BRIAN	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.49117	44166	CRANDALL, BRIAN	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.49145	44167	CRANDALL, BRIAN	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.49145	44167	CRANDALL, BRIAN	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.49163	44168	CRANDALL, BRIAN	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.49163	44168	CRANDALL, BRIAN	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.49189	44169	CRANDALL, BRIAN	2	0.8	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.49189	44169	CRANDALL, BRIAN	2	4.68	ASSIGNED	PC/Computer	10000003308	ROW
			<b>CRANDALL, BRIAN Total</b>		<b>60.28</b>				
984662	44168.59406	44167	LAWREY, DAVID	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
			<b>LAWREY, DAVID Total</b>		<b>7.02</b>				
984657	44169.6011	44159	LOCKHART, SIDNEY	1	5.69	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	44169.6011	44159	LOCKHART, SIDNEY	1	0.4	ASSIGNED	Cell Phone	10000003308	ENG
984657	44169.6011	44159	LOCKHART, SIDNEY	1	2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	44169.6011	44159	LOCKHART, SIDNEY	1	0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	44169.60137	44165	LOCKHART, SIDNEY	1	5.69	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	44169.60137	44165	LOCKHART, SIDNEY	1	0.4	ASSIGNED	Cell Phone	10000003308	ENG
984657	44169.60137	44165	LOCKHART, SIDNEY	1	2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	44169.60137	44165	LOCKHART, SIDNEY	1	0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>17.36</b>				
984662	44169.33348	44165	PARROTT, JEFFREY	2	0.8	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.33348	44165	PARROTT, JEFFREY	2	4.68	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.33348	44165	PARROTT, JEFFREY	2	0.5	ASSIGNED	Tablet/iPad	10000003308	ROW
984662	44169.33365	44166	PARROTT, JEFFREY	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.33365	44166	PARROTT, JEFFREY	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.33365	44166	PARROTT, JEFFREY	3	0.75	ASSIGNED	Tablet/iPad	10000003308	ROW
984662	44169.33378	44167	PARROTT, JEFFREY	4	1.6	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.33378	44167	PARROTT, JEFFREY	4	9.36	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.33378	44167	PARROTT, JEFFREY	4	1	ASSIGNED	Tablet/iPad	10000003308	ROW
984662	44169.33392	44168	PARROTT, JEFFREY	3	1.2	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.33392	44168	PARROTT, JEFFREY	3	7.02	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.33392	44168	PARROTT, JEFFREY	3	0.75	ASSIGNED	Tablet/iPad	10000003308	ROW
984662	44169.34153	44165	PARROTT, JEFFREY	1	0.4	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.34153	44165	PARROTT, JEFFREY	1	2.34	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.34153	44165	PARROTT, JEFFREY	1	0.25	ASSIGNED	Tablet/iPad	10000003308	ROW
984662	44169.34167	44166	PARROTT, JEFFREY	2	0.8	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.34167	44166	PARROTT, JEFFREY	2	4.68	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.34167	44166	PARROTT, JEFFREY	2	0.5	ASSIGNED	Tablet/iPad	10000003308	ROW
984662	44169.34181	44167	PARROTT, JEFFREY	2	0.8	ASSIGNED	Cell Phone	10000003308	ROW
984662	44169.34181	44167	PARROTT, JEFFREY	2	4.68	ASSIGNED	PC/Computer	10000003308	ROW
984662	44169.34181	44167	PARROTT, JEFFREY	2	0.5	ASSIGNED	Tablet/iPad	10000003308	ROW
			<b>PARROTT, JEFFREY Total</b>		<b>50.83</b>				
			<b>Grand Total</b>		<b>160.91</b>				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									\$ -

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	11/20/2020	11/09/2020	BROWN, JOEL	2.50	\$271.73	REGULAR	WRCCON	100000003309	ENG
984656	11/23/2020	11/10/2020	BROWN, JOEL	1.50	\$163.04	REGULAR	WRCCON	100000003309	ENG
984656	11/23/2020	11/13/2020	BROWN, JOEL	3.00	\$326.07	REGULAR	WRCCON	100000003309	ENG
984656	11/23/2020	11/16/2020	BROWN, JOEL	5.00	\$543.45	REGULAR	WRCCON	100000003309	ENG
984656	11/23/2020	11/17/2020	BROWN, JOEL	3.00	\$326.07	REGULAR	WRCCON	100000003309	ENG
984656	11/23/2020	11/19/2020	BROWN, JOEL	4.00	\$434.76	REGULAR	WRCCON	100000003309	ENG
984656	11/23/2020	11/20/2020	BROWN, JOEL	6.00	\$652.14	REGULAR	WRCCON	100000003309	ENG
984656	11/23/2020	11/18/2020	BROWN, JOEL	3.50	\$380.42	REGULAR	WRCCON	100000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>\$3,097.68</b>				
984664	11/24/2020	11/23/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000003309	INS
984664	11/24/2020	11/24/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000003309	INS
984664	11/25/2020	11/25/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000003309	INS
984664	12/01/2020	12/01/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000003309	INS
984664	12/02/2020	12/02/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000003309	INS
984664	12/03/2020	12/03/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000003309	INS
984664	12/04/2020	12/04/2020	CODE, JEFFREY	1.00	\$69.74	REGULAR	WRCCDM	100000003309	INS
			<b>CODE, JEFFREY Total</b>		<b>\$488.18</b>				
984656	11/23/2020	11/09/2020	LOCKHART, SIDNEY	1.00	\$122.86	REGULAR	WRCADM	100000003309	ENG
984656	11/23/2020	11/12/2020	LOCKHART, SIDNEY	2.00	\$245.72	REGULAR	WRCADM	100000003309	ENG
984656	11/23/2020	11/13/2020	LOCKHART, SIDNEY	4.00	\$491.44	REGULAR	WRCADM	100000003309	ENG
984656	11/23/2020	11/17/2020	LOCKHART, SIDNEY	5.00	\$614.30	REGULAR	WRCADM	100000003309	ENG
984656	11/23/2020	11/18/2020	LOCKHART, SIDNEY	5.00	\$614.30	REGULAR	WRCADM	100000003309	ENG
984656	12/04/2020	11/23/2020	LOCKHART, SIDNEY	3.00	\$368.58	REGULAR	WRCADM	100000003309	ENG
984656	12/04/2020	11/25/2020	LOCKHART, SIDNEY	3.00	\$368.58	REGULAR	WRCADM	100000003309	ENG
984656	12/04/2020	11/30/2020	LOCKHART, SIDNEY	3.00	\$368.58	REGULAR	WRCADM	100000003309	ENG
984656	12/04/2020	12/02/2020	LOCKHART, SIDNEY	3.00	\$368.58	REGULAR	WRCADM	100000003309	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$3,562.94</b>				
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	3.00	\$196.35	OVERTIME	WRCCDM	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000003309	INS
984664	11/27/2020	11/27/2020	ROBERTS, PATRICK	9.00	\$589.05	HOLIDAY	WRCCDM	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	1.00	\$65.45	OVERTIME	WRCCDM	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	8.00	\$461.68	REGULAR	WRCCDM	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	2.00	\$130.90	OVERTIME	WRCCDM	100000003309	INS
			<b>ROBERTS, PATRICK Total</b>		<b>\$5,329.69</b>				
			<b>Grand Total</b>		<b>\$12,478.49</b>				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -11/07/2020 - 12/04/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	11/20/2020	11/09/2020	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/20/2020	11/09/2020	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/20/2020	11/09/2020	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/10/2020	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/10/2020	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/10/2020	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/13/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/13/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/13/2020	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/16/2020	BROWN, JOEL	5.00	\$2.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/16/2020	BROWN, JOEL	5.00	\$11.70	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/16/2020	BROWN, JOEL	5.00	\$1.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/17/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/17/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/17/2020	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/19/2020	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/19/2020	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/19/2020	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/20/2020	BROWN, JOEL	6.00	\$2.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/20/2020	BROWN, JOEL	6.00	\$14.04	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/20/2020	BROWN, JOEL	6.00	\$1.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/18/2020	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/18/2020	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/18/2020	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	100000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>\$85.23</b>				
984664	11/24/2020	11/23/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/24/2020	11/23/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	11/24/2020	11/23/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	11/24/2020	11/24/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/24/2020	11/24/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	11/24/2020	11/24/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	11/25/2020	11/25/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/25/2020	11/25/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	11/25/2020	11/25/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	12/01/2020	12/01/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/01/2020	12/01/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	12/01/2020	12/01/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	12/02/2020	12/02/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/02/2020	12/02/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	12/02/2020	12/02/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	12/03/2020	12/03/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/03/2020	12/03/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	12/03/2020	12/03/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	12/04/2020	12/04/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/04/2020	12/04/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	12/04/2020	12/04/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
			<b>CODE, JEFFREY Total</b>		<b>\$59.01</b>				
984656	11/23/2020	11/09/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	11/23/2020	11/09/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/09/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/09/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/12/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	11/23/2020	11/12/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/12/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/12/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/13/2020	LOCKHART, SIDNEY	4.00	\$22.76	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	11/23/2020	11/13/2020	LOCKHART, SIDNEY	4.00	\$1.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/13/2020	LOCKHART, SIDNEY	4.00	\$9.36	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/13/2020	LOCKHART, SIDNEY	4.00	\$1.00	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/17/2020	LOCKHART, SIDNEY	5.00	\$28.45	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	11/23/2020	11/17/2020	LOCKHART, SIDNEY	5.00	\$2.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/17/2020	LOCKHART, SIDNEY	5.00	\$11.70	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/17/2020	LOCKHART, SIDNEY	5.00	\$1.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	11/23/2020	11/18/2020	LOCKHART, SIDNEY	5.00	\$28.45	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	11/23/2020	11/18/2020	LOCKHART, SIDNEY	5.00	\$2.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	11/23/2020	11/18/2020	LOCKHART, SIDNEY	5.00	\$11.70	ASSIGNED	PC/Computer	100000003309	ENG
984656	11/23/2020	11/18/2020	LOCKHART, SIDNEY	5.00	\$1.25	ASSIGNED	Tablet/iPad	100000003309	ENG

984656	12/04/2020	11/23/2020	LOCKHART, SIDNEY	3.00	\$17.07	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	12/04/2020	11/23/2020	LOCKHART, SIDNEY	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	12/04/2020	11/23/2020	LOCKHART, SIDNEY	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	12/04/2020	11/23/2020	LOCKHART, SIDNEY	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	12/04/2020	11/25/2020	LOCKHART, SIDNEY	3.00	\$17.07	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	12/04/2020	11/25/2020	LOCKHART, SIDNEY	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	12/04/2020	11/25/2020	LOCKHART, SIDNEY	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	12/04/2020	11/25/2020	LOCKHART, SIDNEY	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	12/04/2020	11/30/2020	LOCKHART, SIDNEY	3.00	\$17.07	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	12/04/2020	11/30/2020	LOCKHART, SIDNEY	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	12/04/2020	11/30/2020	LOCKHART, SIDNEY	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	12/04/2020	11/30/2020	LOCKHART, SIDNEY	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	12/04/2020	12/02/2020	LOCKHART, SIDNEY	3.00	\$17.07	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	12/04/2020	12/02/2020	LOCKHART, SIDNEY	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	12/04/2020	12/02/2020	LOCKHART, SIDNEY	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	12/04/2020	12/02/2020	LOCKHART, SIDNEY	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
			LOCKHART, SIDNEY Total			\$251.72			
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	11/23/2020	11/23/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	3.00	\$17.07	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	11/24/2020	11/24/2020	ROBERTS, PATRICK	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	11/25/2020	11/25/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	11/27/2020	11/27/2020	ROBERTS, PATRICK	9.00	\$51.21	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/27/2020	11/27/2020	ROBERTS, PATRICK	9.00	\$3.60	ASSIGNED	Cell Phone	100000003309	INS
984664	11/27/2020	11/27/2020	ROBERTS, PATRICK	9.00	\$21.06	ASSIGNED	PC/Computer	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	INS
984664	11/30/2020	11/30/2020	ROBERTS, PATRICK	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	12/01/2020	12/01/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	12/02/2020	12/02/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	12/03/2020	12/03/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	12/04/2020	12/04/2020	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
			ROBERTS, PATRICK Total			\$750.27			
			Grand Total			\$1,146.23			



Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									\$ -



# Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207  
Phone: (313) 567-3990 Fax: (313) 567-3750  
www.asi-detroit.com

November 6, 2020

Project Invoice #21 (ASI Inv. #7713)

Joel Brown, P.E.  
Civil Engineer III  
Oakland County Water Resources Commissioner's Office  
One Public Works Drive, Building 95 West  
Waterford, MI 48328

Re: Northeast Sanitary Pump Station  
Contract #5470 **li# 41133 exp. 6/26/21 v#352**  
(ASI Job No. 1815)

Invoice Period: 9/27/20-10/31/20

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -

Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total:	\$ 11,237.50
	Subconsultants:	
	FK Engineering:	\$ 2,897.00
	NTH Consultants	\$ 7,159.11
	ASI Markup 5%:	\$ 502.81
	Total Due This Invoice:	\$ 21,796.42

**84917 - 149015 - 730639 - 1-3309**  
**engcon**

JTB 12/8/20

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ 2,842.25
	ASI Markup 5%:	\$ 142.11
	Total Due This Invoice:	\$ 2,984.36

**82912 - 149667 - 730639 - 1-3016**  
**engcon**

JTB 12/8/20

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 9,838.50
	Subconsultants:	
	NTH Consultants	\$ 68,732.73
	Metco Services	\$ 22,295.00
	FK Engineering:	\$ 2,668.75
	ASI Markup 5%:	\$ 4,684.82
	Total Due This Invoice:	\$ 108,219.80

**84917 - 149015 - 730639 - 1-3309**  
**engcon**

JTB 12/8/20

Total Due This Invoice:	\$ 133,000.58
Previous Amount Invoiced:	\$ 1,643,370.47
Total Invoiced To-Date	\$ 1,776,371.05
Contract Task Total:	\$ 4,198,380.00
Amount Remaining:	\$ 2,422,008.95



# Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207  
Phone: (313) 567-3990 Fax: (313) 567-3750  
www.asi-detroit.com

December 1, 2020

Project Invoice #22 (ASI Inv. #7738)

Joel Brown, P.E.  
Civil Engineer III  
Oakland County Water Resources Commissioner's Office  
One Public Works Drive, Building 95 West  
Waterford, MI 48328

Re: Northeast Sanitary Pump Station  
Contract #5470 **li# 41133 exp. 6/26/21 v#352**  
(ASI Job No. 1815)

Invoice Period: 11/1/20-11/28/20

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -

Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total:	\$ 9,697.00
	Subconsultants:	
	FK Engineering:	\$ 4,263.00
	NTH Consultants	\$ -
	ASI Markup 5%:	\$ 213.15
	Total Due This Invoice:	\$ 14,173.15

84917 - 149015 - 730639 - 1-3309  
engcon

JTB 12/7/20

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ 276.00
	ASI Markup 5%:	\$ 13.80
	Total Due This Invoice:	\$ 289.80

82912 - 149667 - 730639 - 1-3016  
engcon

JTB 12/7/20

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 8,025.00
	Subconsultants:	
	NTH Consultants	\$ 35,181.42
	Metco Services	\$ 21,070.00
	FK Engineering:	\$ 2,396.05
	ASI Markup 5%:	\$ 2,932.37
	Total Due This Invoice:	\$ 69,604.84

84917 - 149015 - 730639 - 1-3309  
engcon

JTB 12/7/20

Total Due This Invoice:	\$ 84,067.79
Previous Amount Invoiced:	\$ 1,643,370.47
Total Invoiced To-Date	\$ 1,727,438.26
Contract Task Total:	\$ 4,198,380.00
Amount Remaining:	\$ 2,470,941.74



645 Griswold Street  
Suite 3770  
Detroit MI 48226  
Tel: +1(313) 963-1313

## INVOICE

Please Remit To:  
CDM Smith Inc.  
15050 Collections Center Drive  
Chicago IL 60693

Oakland County, MI  
DEBBIE HACKMAN, P.E.  
OAKLAND COUNTY DRAIN COMMISSIONER  
ONE PUBLIC WORKS DRIVE  
WATERFORD MI 48328-1907

APPROVER: Ch 21  
REQ # 363258  
PO # 3  
RECEIVER: Hutchison  
REC # 4

Account Number: 000200418081  
Wire Routing: 011000138  
Invoice Number: 90111002  
Invoice Date: 02-NOV-2020  
Project Number: 95031

**Amount Due : \$4,905.26**

Services from September 27, 2020 to October 31, 2020

Re : OMID Flow Meter Management and Billing Support

### 95031 - OMID Flow Meter DM/Billing

Description	Amount
Labor	\$4,905.26
Other Direct Costs	\$0.00
Outside Professionals	\$0.00
Total Due	\$4,905.26

Description	Amount
Previously Invoiced	\$435,212.22
Invoiced ITD	\$440,117.48
Total Contract Amount	\$655,000.00
Balance Remaining	\$214,882.52
Percent Complete	67.19%

Fund 82912

Dept 6060601  
Prog 149100 Acct 730373  
Contract # 5229 Project \_\_\_\_\_  
Op Unit \_\_\_\_\_  
Approver Chris P. Carr



LG Design is a Subsidiary of CH2M Hill Engineers

Oakland-Macomb Interceptor Drain Drainage District  
Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, MI 48328  
248-858-0958

Invoice Contact:  
[Sandy.Pepper@Jacobs.com](mailto:Sandy.Pepper@Jacobs.com)

Remit to:

LG Design, Inc.  
Attn: Judy Rives  
1041 East Butler Road  
Greenville, SC. 29607  
Tax ID : 20-0936384

Invoice Date: 12/7/2020  
CH2M HILL Project No. 705773CH  
CH2M HILL Invoice No. 705773CH022  
Sequential Invoice Number: 23

**PROFESSIONAL SERVICES RENDERED FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDDD)  
BIOTRICKLING FILTER DESIGN AND CONSTRUCTION OVERSIGHT**

This invoice includes labor and expenses for the period:  
From October 31, 2020 through November 27, 2020

**84915 - 149015 - 730373 - 5456 - 1-2708 - Ch. 21 - engcon v# 22147 exp. 6/26/23 li# 41407**

12/9/20

Authorized Amount: \$ 1,272,470.46  
Current Invoice: \$ 15,478.29  
Total Invoiced: \$ 1,145,204.01  
Percent Complete: 90.00%  
Remaining Budget: \$ 127,266.45

**Total Amount Due: \$ 15,478.29**

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 325,731.16	\$ 318,363.00	\$ 6,739.31	\$ 325,102.31	99.81%	\$ 628.85
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 17,274.11	\$ -	\$ 17,274.11	99.50%	\$ 86.89
8	SITE INSPECTION	\$ 35,641.00	\$ 4,307.50	\$ 4,706.94	\$ 9,014.44	25.29%	\$ 26,626.56
9	PREPARE O&M MANUAL	\$ 26,718.00	\$ -	\$ -	\$ -	0.00%	\$ 26,718.00
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ -	\$ -	\$ -	0.00%	\$ 9,082.00
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ -	\$ 502.04	\$ 502.04	2.93%	\$ 16,626.96
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ -	\$ -	\$ -	0.00%	\$ 9,803.00
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ -	\$ -	\$ -	0.00%	\$ 15,925.00
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 17,175.62	\$ 17,175.62	\$ -	\$ 17,175.62	100.00%	\$ -
SUB.METCO	ELECTRICAL ENGINEERING	\$ 75,084.07	\$ 74,194.50	\$ -	\$ 74,194.50	98.82%	\$ 889.57
SUB.NTH	GEOTECH INVESTIGATION	\$ 252,237.15	\$ 248,707.15	\$ 3,530.00	\$ 252,237.15	100.00%	\$ -
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
<b>Subtotal:</b>		\$ 1,251,779.46	\$ 1,129,725.72	\$ 15,478.29	\$ 1,145,204.01	91.49%	\$ 106,575.45
<b>Allowance</b>		\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
<b>Total:</b>		\$ 1,272,470.46	\$ 1,129,725.72	\$ 15,478.29	\$ 1,145,204.01	91.49%	\$ 127,266.45

**OUTSTANDING INVOICES:**

INVOICE DATE	INVOICE #	AMOUNT
11/5/2020	705773CH021	\$ 9,817.50
<b>Total:</b>		\$ 9,817.50
Current invoice		\$ 15,478.29
<b>TOTAL DUE:</b>		\$ 25,295.79

**Payment term: 30 calendar days (NET)**

FINANCE CHARGES WILL BE ASSESSED AT 1% PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

**Electronic payment details:**

Beneficiary Bank: Wells Fargo  
ABA No: 121000248  
Account No (USD): 4121034003  
SWIFT: WFBUS6S

# CLARK HILL

P.L.C.

A T T O R N E Y S   A T   L A W

151 S. Old Woodward Avenue, Suite 200  
Birmingham, Michigan 48009  
Telephone (248) 642-9692  
Fed.ID # 38-0425840

## INVOICE

84917 - 149015- 1-3308- 731073 -LEGAL - 5113 - Ch.21

Invoice # 1044382

Oakland-Macomb Interceptor Drain Drainage District December 3, 2020  
Attn: Kelsey Cooke Client: 58434  
c/o Oakland County Water Resources Commissioner Matter: 316432  
1 Public Works Drive  
Waterford, MI 48328



12/9/20

=====

RE: OMID Phase 2 Project - Acquisition of Northeast Pump  
Stations

FOR SERVICES RENDERED through November 30, 2020

Total Services: \$594.00

INVOICE TOTAL \$594.00

10/08/20	1027273	\$2538.00
11/07/20	1036351	\$594.00

Past Due Balance: \$3,132.00

TOTAL AMOUNT DUE \$3,726.00

=====

MK 12/7/20

PAYABLE UPON RECEIPT IN U.S. DOLLARS

IN ACCOUNT WITH



2600 W. BIG BEAVER ROAD, SUITE 300  
TROY, MI 48084-3312  
TELEPHONE: (248) 433-7200  
http://www.dickinsonwright.com  
FEDERAL I.D. #38-1364333

INVOICE DATE: NOVEMBER 17, 2020  
INVOICE NO.: 1528910

OAKLAND COUNTY WATER RESOURCES COMMISSIONER  
ATTORNEY & INSURANCE ADMINISTRATOR  
ONE PUBLIC WORKS DRIVE, #95  
WATERFORD, MI 48328

ATTN: Steve Korth

CLIENT/MATTER NO.: 012840-00418

82912 - 155010 - 731073 - 5089 - Ch21 v#4978  
exp. 4/30/22

RE: GATE OPERATION - MID

*Steve Korth*

Nov. 24, 2020

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH OCTOBER 31, 2020

		<u>USD</u>
TOTAL FEES CURRENT INVOICE .....	\$	1,540.00
<b>TOTAL CURRENT INVOICE .....</b>	<b>\$</b>	<b>1,540.00</b>

MK 11/23/20

Remittance Instructions			
***Terms: Due and Payable Upon Receipt***			
Mail To:	ACH Instructions:		Wire Instructions:
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852  (Please Reference Invoice Numbers)		JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852  (Please Reference Invoice Numbers)

INVOICE DATE: NOVEMBER 17, 2020  
 INVOICE NO.: 1528917

 OAKLAND COUNTY WATER RESOURCES COMMISSIONER  
 ATTORNEY & INSURANCE ADMINISTRATOR  
 ONE PUBLIC WORKS DRIVE, #95  
 WATERFORD, MI 48328

82912 - 149997 - 731073 - 5089 - 1-3020 - Ch. 21 v# 4978 exp. 4/20/22

ATTN: JOHN BASCH



Nov. 24, 2020

CLIENT/MATTER NO.: 012840-00424

RE: REVISION OF OAKLAND COUNTY PURCHASE ORDER FOR MISCELLANEOUS WORK

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH OCTOBER 31, 2020

USD

TOTAL FEES CURRENT INVOICE .....	\$	5,320.00
TOTAL DISBURSEMENTS CURRENT INVOICE .....	\$	<u>25.22</u>
<b>TOTAL CURRENT INVOICE .....</b>	<b>\$</b>	<b>5,345.22</b>

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF NOVEMBER 17, 2020

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1521075	10/21/20	4,760.00	(0.00)	<u>4,760.00</u>

TOTAL OUTSTANDING FROM PRIOR INVOICES .....	\$	4,760.00
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<b>TOTAL AMOUNT DUE .....</b>	<b>\$</b>	<b><u>10,105.22</u></b>
-------------------------------	-----------	-------------------------

MK 11/23/20

Remittance Instructions			
***Terms: Due and Payable Upon Receipt***			
Mail To:	ACH Instructions:		Wire Instructions:
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852  (Please Reference Invoice Numbers)		JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852  (Please Reference Invoice Numbers)





Oakland-Macomb Interceptor Drain Drainage District  
c/o Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, MI 48328  
248-858-0958

Invoice Date: 12/7/2020  
Jacobs Project Number: 697317CH  
Sequential Invoice Number: 27  
Jacobs Invoice Number: 697317CH027

84915 - 149015 - 730373 - 5456 - 1-2708 - Ch. 21 - engcon v# 22147 exp. 6/26/23 li# 41407

INVOICE

OMIDDD System-wide Odor/Corrosion Study

12/9/20

This invoice includes labor and expenses for the period  
From October 31, 2020 through November 27, 2020

Authorized Amount	\$	531,447.00
Current Invoice	\$	4,987.01
Total Invoiced to Date	\$	500,871.41
Remaining Budget	\$	30,575.59

Total Amount Due	\$	4,987.01
------------------	----	----------

STATUS OF PREVIOUS INVOICES

Date	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
05/08/2020	697317CH020	20	\$21,634.51	06/09/2020	\$21,634.51	\$0.00
06/04/2020	697317CH021	21	\$24,631.95	07/16/2020	\$24,631.95	\$0.00
07/08/2020	697317CH022	22	\$22,988.97	09/26/2020	\$22,988.97	\$0.00
08/04/2020	697317CH023	23	\$6,484.91	09/26/2020	\$6,484.91	\$0.00
08/31/2020	697317CH024	24	\$11,920.40	09/26/2020	\$11,920.40	\$0.00
10/09/2020	697317CH025	25	\$19,230.12	11/05/2020	\$19,230.12	\$0.00
11/05/2020	697317CH026	26	\$8,271.96			\$8,271.96
TOTAL OUTSTANDING AMOUNT						<u>\$8,271.96</u>

Payment terms: 30 NET

To ensure accurate posting, please note the invoice number on your check.

Electronic payment details:

Beneficiary Bank: Wells Fargo  
ABA No: 121000248  
Account No (USD): 4121034003  
SWIFT: WFBUS6S

Checks payable to:

CH2M HILL ENGINEERS, INC.  
P.O. Box 201869  
Dallas, TX 75320 - 1869



12835 Stephens Road · Warren · Michigan · 48089 · (586) 920-2620 · Fax (586) 510-4433

INVOICE NO. 1811-23

DATE: December 1, 2020

METCO PROJECT NO. 1811

INVOICE PERIOD: thru 11/29/2020

Contract ID 000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE

Deputy Chief Engineer/Special Projects Manager

TITLE: NESPS Operation and Maintenance

**Task 3.2 - Operational Plan**

**Task 3.2A - OMID Operations - Fund 82912, Program 149130, Account 730373**

JTB 12/7/20

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	12.0	\$ 145.00	\$ 1,740.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
<b>Subtotal Task 3.2A:</b>				<b>\$ 1,740.00</b>

**Task 3.2B - NEPS Operations - Fund 82912, Program 149090, Account 730373**

JTB 12/7/20

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	16.0	\$ 215.00	\$ 3,440.00
Terry Moore	Operations Manager	38.0	\$ 145.00	\$ 5,510.00
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 73.79	\$ 295.16
<b>Subtotal Task 3.2B:</b>				<b>\$ 9,245.16</b>

**Subtotal 3.2: \$ 10,985.16**

**Task 4.0 - Maintenance & Asset Management**

**Task 4.3A OMID Maintenance - Fund 82912, Program 149130, Account 730646**

JTB 12/7/20

Terry Moore	Operations Manager	23.0	\$ 145.00	\$ 3,335.00
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
<b>Subtotal Task 4.3A:</b>				<b>\$ 3,335.00</b>

**Task 4.3B NEPS Maintenance – Fund 82912, Program 149090, Account 730646**

JTB 12/7/20

Raj Vijayendran, PE	Principal Engineer	12.0	\$	215.00	\$	2,580.00
Terry Moore	Operations Manager	51.0	\$	145.00	\$	7,395.00
Terry Moore	Operations Manager (Overtime)	16.0	\$	195.00	\$	3,120.00
Daniel Martel	Sr. Project Coordinator	4.0	\$	145.00	\$	580.00
Sean Grant	Sr. Project Engineer	0.0	\$	145.00	\$	-
Shailesh Patel	Sr. Project Engineer	0.0	\$	145.00	\$	-
Darrin Green	Staff Engineer	126.0	\$	90.00	\$	11,340.00
Darrin Green	Staff Engineer-(Overtime)	21.0	\$	135.00	\$	2,835.00
Anthony Vozza	Staff Engineer	128.0	\$	90.00	\$	11,520.00
Anthony Vozza	Staff Engineer-(Overtime)	13.0	\$	135.00	\$	1,755.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-

**Subtotal: \$ 41,125.00****Maintenance Services (see attached invoices): \$ 2,916.02****Subtotal Task 4.3B \$ 44,041.02****Subtotal 4.3: \$ 47,376.02****Task 6.0 NEXGEN Asset Management Implementation Services – Fund 82912, Program 149090, Account 730646**

JTB 12/7/20

Raj Vijayendran, PE	Principal Engineer	0.0	\$	215.00	\$	-
Terry Moore	Operations Manager	4.0	\$	145.00	\$	580.00
Terry Moore	Operations Manager (Overtime)	0.0	\$	195.00	\$	-
Sean Grant	Sr. Project Engineer	24.0	\$	145.00	\$	3,480.00
Darrin Green	Staff Engineer	4.0	\$	90.00	\$	360.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$	-
Anthony Vozza	Staff Engineer	0.0	\$	90.00	\$	-
Abhishek Shah	Staff Engineer	144.0	\$	90.00	\$	12,960.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-

**Subtotal 6.0: \$ 17,380.00****TOTAL AMOUNT DUE THIS INVOICE: \$ 75,741.18**



NTH Consultants, Ltd.

Infrastructure Engineering and  
Environmental Services

# INVOICE

84917-149015-731458-Proj #1-3309 2603 engcon v#4716 exp. 12/31/21 li# 24138

*JL Rm*

12/8/20

OMI Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

Invoice # : 2  
Project : 61-200280  
Invoice Group : CMT  
Invoice Date : 10/2/2020

Attention: Sid Lockhart

For Professional Services Rendered from 8/29/2020 - 11/20/2020

Provide Engineering and Consulting Services regarding NESPS Pumping and Electrical System Upgrade (D-421)

Task 01	CMT Services	<u>\$130,138.00</u>
	Preliminary Budget Amount	<u>\$130,138.00</u>
	Percent Complete:	7.02%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 1,011.20	\$ 1,751.42
Overhead %	188.00	\$ 1,901.06	3,292.67
Total Regular Labor Expense		2,912.26	5,044.09
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>2,912.26</b>	<b>5,044.09</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>349.47</b>	<b>605.29</b>
Direct Expenses Charge		2,242.86	3,322.86
Expense Multiplier %	5.00	112.14	166.14
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>2,355.00</b>	<b>3,489.00</b>
<b>Total Costs:</b>		<b>5,616.73</b>	<b>9,138.38</b>
<b>Total Due This Invoice</b>		<b>\$ 5,616.73</b>	<b>\$ 9,138.38</b>

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459  
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

Payment for all invoices is expected as per contract terms. All retainers are held and applied to final invoice for a project. Checks will be issued for any amounts collected as retainers that exceed the final invoice. Call 248-553-6300 with questions.



NTH Consultants, Ltd.

Infrastructure Engineering and  
Environmental Services

# INVOICE

84917 - 149015 - 731444 - 2603 1-3308 - Ch. 21 - engcon v#4716 exp. 12/31/21 li# 42499

*JL R*

12/8/20

OMI Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

Invoice # : 8  
Project : 61-190439  
Invoice Group : CS9  
Invoice Date : 12/2/2020

Attention: Sid Lockhart

For Professional Services Rendered from 10/24/2020 - 11/20/2020

Provide engineering services for the design of a new hydraulic control gate to be installed in the existing OMID Control Structure No. 9(CS-9).

Task 01 Gate Design \$189,426.00

Preliminary Budget Amount \$189,426.00  
Percent Complete: 94.06%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 1,674.27	\$ 18,264.90
Overhead %	188.00	3,147.63	34,338.01
Total Regular Labor Expense		4,821.90	52,602.91
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>4,821.90</b>	<b>52,602.91</b>
<b>Profit / Fixed Fee %</b>	<b>12.00</b>	<b>578.63</b>	<b>6,312.34</b>
Direct Expenses Charge		4.29	245.84
Expense Multiplier %	5.00	0.21	12.31
Direct Subcontractor Charge		2,323.53	112,269.00
Subcontractor/Subconsultant Multiplier %	6.00	139.42	6,736.16
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>2,467.45</b>	<b>119,263.31</b>
<b>Total Costs:</b>		<b>7,867.98</b>	<b>178,178.56</b>
<b>Total Due This Invoice</b>		<b>\$ 7,867.98</b>	<b>\$ 178,178.56</b>

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459  
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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NTH Consultants, Ltd.

Infrastructure Engineering and  
Environmental Services

# INVOICE

84917 - 149015 - 730639 - 2603 - 1-3308 - Ch. 21 - engcon v# 4716 exp. 12/31/21

JTB 12/8/20

OMI Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

Invoice # : 18  
Project : 61-190078  
Invoice Group : NI-EA  
Invoice Date : 12/2/2020

Attention: Sid Lockhart

For Professional Services Rendered from 10/24/2020 - 11/20/2020

Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4

Task 01	Project Management	\$276,159.00
Task 02	Condition Assessment	\$241,609.00
Task 03	Subsurface Utility Engineering	\$65,579.00
Task 04	Basemap Survey	\$89,327.00
Task 05	Geotechnical Investigation	\$134,797.00
Task 05A	7-Mile Utility Exploration/Design	\$0.00
Task 05B	Additional Geotech for PCI-4 Shaft	\$0.00
Task 06	Environmental Study	\$60,642.00
Task 07	Basis of Design	\$379,785.00
Task 08	Rehabilitation Design	\$282,099.00
Task 09	Contract Drawings	\$235,070.00
Task 10	Contract Specifications	\$188,178.00
Task 11	Construction Costs	\$27,761.00
Task 12	Permits & Coordination	\$25,655.00
Task 13	Bidding Assistance	\$198,402.00
Task 14	Gate Automation	\$68,770.00

Preliminary Budget Amount **\$2,273,833.00**  
Percent Complete: 71.04%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 3,157.97	\$ 241,140.97
Overhead %	188.00	5,936.98	453,345.05
Total Regular Labor Expense		9,094.95	694,486.02
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>9,094.95</b>	<b>694,486.02</b>
<b>Profit / Fixed Fee %</b>	12.00	1,091.39	83,338.32
Direct Expenses Charge		54.29	22,748.62
Expense Multiplier %	5.00	2.71	1,137.48
Direct Subcontractor Charge		47,515.48	767,568.11
Subcontractor/Subconsultant Multiplier %	6.00	2,850.94	46,054.20
Direct Unit Rate Charge		0	0
<b>Total Other Direct Charges Reimbursables</b>		<b>50,423.42</b>	<b>837,508.41</b>
<b>Total Costs:</b>		<b>60,609.76</b>	<b>1,615,332.75</b>
<b>Total Due This Invoice</b>		<b>\$ 60,609.76</b>	<b>\$ 1,615,332.75</b>

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459  
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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NTH Consultants, Ltd.

Infrastructure Engineering and  
Environmental Services

# INVOICE

82912 - 149662 - 730639 - 2603 - 1-3015 Ch. 21 - engcon v# 4716 exp. 12/31/21 li# 24138

*Evangelos Bantios*

OMI Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

Invoice # : 22  
Project : 61-190044  
Invoice Group : REPAIRS  
Invoice Date : 12/2/2020

Attention: Sid Lockhart

For Professional Services Rendered from

10/24/2020 - 11/20/2020

OMID System Immediate Repairs

AMP/Inspection Reports (Task 01)	\$4,587.37
Rehabilitation Design (Task 02)	\$71,617.66
Construction Observation (Task 03)	\$178,109.97
	<u>\$254,315.00</u>

Analysis of Costs		This Invoice	Cumulative
Direct Salaries (Task 01 & 02)		\$ 1,322.52	\$ 27,038.93
Overhead %	188.00	2,486.34	50,833.18
Total Regular Labor Expense		3,808.86	77,872.11
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>3,808.86</b>	<b>77,872.11</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>457.06</b>	<b>9,344.65</b>
Direct Expenses Charge		12.15	387.53
Expense Multiplier %	5.00	0.61	69.38
Direct Subcontractor Charge		1,427.50	10,729.00
Subcontractor/Subconsultant Multiplier %	5.00	71.38	536.50
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>1,511.64</b>	<b>11,722.41</b>
<b>Total Costs:</b>		<b>5,777.56</b>	<b>98,939.17</b>
<b>Total Due This Invoice</b>		<b>\$ 5,777.56</b>	<b>\$ 98,939.17</b>

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459  
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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28294 Beck Road Wixom, MI 48393

800-419-5199 FAX (248) 374-6402

www.PMTech.org

82912-149090-730660 Contract# 5821 V#238 Exp 6/28/22 LI# 42705

# Invoice

Date

Invoice #

10/7/2020

0000143668

Bill To:

12/7/20

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

Site Address:

Northeast Sewage Pumping Station - Generator  
1  
11001 East State Fair  
Detroit MI 48234

PO Number		Terms	Make	Model	Serial Number
contract		NET 30 DAYS	CAT/KATO	A269500000	13669-05
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
1825	2385 Wilshere Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
-------------	-----	------------	--------

Secondary Preventive Maintenance (Operational check of belts, hoses, battery,  
switching operation, operating temperatures, etc)

1.00

358.33

358.33

10/7/2020

12-3-2020

Visa, Master Card, Discover or American Express 3% credit card processing fee will be added

Subtotal

\$358.33

Sign: \_\_\_\_\_ Inv # \_\_\_\_\_

Card #: \_\_\_\_\_

Exp Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Sales Tax

\$0.00

Balance Due

\$358.33

This Invoice is for the Services mentioned above only,  
if other repair work was completed it will be invoiced  
separately.

Conditions of Sale and Limitations of Liability are on back of invoice.

Warranty Disclaimer: parts and labor not covered by the

manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.





28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date 10/7/2020 Invoice # 0000143669

82912-149090-730660 Contract# 5821 V#238 Exp 6/28/22 LI# 42705

**Bill To:**

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

**Site Address:**

Northeast Sewage Pumping Station - Generator  
2  
11001 East State Fair  
Detroit MI 48234

PO Number		Terms	Make	Model	Serial Number
contract		NET 30 DAYS	CAT/KATO	A269500000	13669-04
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
1825	2385 Wilshere Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Secondary Preventive Maintenance (Operational check of belts, hoses, battery, switching operation, operating temperatures, etc)	1.00	358.33	358.33

10/7/2020

*John R.*

12/7/20

*TM*

12-3-2020

Visa, Master Card, Discover or American Express 3% credit card processing fee will be added

Subtotal \$358.33

Sign: \_\_\_\_\_ Inv # \_\_\_\_\_

Card #: \_\_\_\_\_

Exp Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Sales Tax \$0.00

**Balance Due \$358.33**

This Invoice is for the Services mentioned above only,  
if other repair work was completed it will be invoiced  
separately.

Conditions of Sale and Limitations of Liability are on back of invoice.

Warranty Disclaimer: parts and labor not covered by the

manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.



28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date Invoice #  
10/7/2020 0000143670

82912-149090-730660 Contract# 5821 V#238 Exp 6/28/22 LI# 42705

**Bill To:**

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

*JL R*

12/7/20

**Site Address:**

Northeast Sewage Pumping Station - Generator  
3  
11001 East State Fair  
Detroit MI 48234

PO Number		Terms	Make	Model	Serial Number
contract		NET 30 DAYS	CAT/KATO	A269500000	13669-03
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
1825	2385 Wilshere Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Secondary Preventive Maintenance (Operational check of belts, hoses, battery, switching operation, operating temperatures, etc)	1.00	358.33	358.33
10/7/2020	<i>TM</i>	12-3-2020	

Visa, Master Card, Discover or American Express 3% credit card processing fee will be added	Subtotal	\$358.33
Sign: _____ Inv # _____	Sales Tax	\$0.00
Card #: _____	Balance Due	\$358.33
Exp Date: _____ Security Code: _____	This Invoice is for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	

Conditions of Sale and Limitations of Liability are on back of invoice.

Warranty Disclaimer: parts and labor not covered by the

manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.



# PMA Consultants

226 W. Liberty Street ■ Ann Arbor, MI 48104

Tel: 734.769.0530 ■ Fax: 734.663.9561

Oakland County Water Resources Commissioner

Attn: Sid Lockhard, P.E.

One Public Works Drive

Building 95-West

Waterford 48328

December 3, 2020

Invoice No: 03559.01 - 6

**84917 - 149015 - 731444 - 5158 - 1-3309 - Ch. 21 - engcon v# 16918 exp. 6/30/22~**

12/7/20

Project 03559.01

Oakland-Macomb Interceptor Drainage 2020

**Professional Services from November 1, 2020 to November 30, 2020**

## Professional Personnel

	Hours	Rate	Amount	
Zann, John	26.00	94.00	2,444.00	
Totals	26.00		2,444.00	
<b>Total Labor</b>				<b>2,444.00</b>

## Additional Fees

Overhead	149.10 % of 2,444.00	3,644.00	
Profit	10.00 % of 6,088.00	608.80	
<b>Total Additional Fees</b>		<b>4,252.80</b>	<b>4,252.80</b>

## Billing Limits

	Current	Prior	To-Date
Total Billings	6,696.80	38,120.28	44,817.08
Limit			450,000.00
Remaining			405,182.92

**Total this Invoice \$6,696.80**

Please remit payment to PMA CONSULTANTS LLC, PO BOX 675234, DETROIT, MI 48267-5234. Please direct any questions regarding this invoice to Samantha Zeisler, Project Administrator, at 734-418-7897 or [szeisler@pmaconsultants.com](mailto:szeisler@pmaconsultants.com)



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL  
DETROIT, MI 48213-1151  
PHONE (313) 891-0331 FAX (313) 921-5310  
"AN EQUAL OPPORTUNITY EMPLOYER"

82912 - 149090 - 730660 - Ch 21 - 5807 v#  
22125 li# 42614 exp. 6/28/22

INVOICE

*Joel Brown*

12/4/20

OMID  
1 PUBLIC WORKS DRIVE  
WATERFORD, MI 48328-

Customer  
PO Number  
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	7/23/2020	12/2/2020	12356

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$11,424.28	-	\$11,424.28	\$11,424.28	-	-
Totals:		\$11,424.28		\$11,424.28	\$11,424.28		
Less Retained:				-			
Invoice Total:				\$11,424.28			

TROUBLESHOOT P4

OVERVOLTAGE SHUTDOWN EVENT

complete electrical construction

"We herby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



# Rotor Electric Company of Michigan, LLC.

9522 GRINNELL  
DETROIT, MI 48213-1151  
PHONE (313) 891-0331 FAX (313) 921-5310  
\*AN EQUAL OPPORTUNITY EMPLOYER\*

# INVOICE

OMID  
1 PUBLIC WORKS DRIVE  
WATERFORD, MI 48328-

Customer  
PO Number  
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	7/23/2020	9/23/2020	12356

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$11,424.28	-	\$11,424.28	\$11,424.28	-	-
	Totals:	\$11,424.28		\$11,424.28	\$11,424.28		
	Less Retained:			-			
	Invoice Total:			\$11,424.28			

TROUBLESHOOT P4

OVERVOLTAGE SHUTDOWN EVENT

*TM* 11-18-2020

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL  
DETROIT, MI 48213-1151  
PHONE (313) 891-0331 FAX (313) 921-5310  
"AN EQUAL OPPORTUNITY EMPLOYER"

82912 - 149090 - 730660 - Ch 21 - 5807  
v# 22125 li# 42614 exp. 6/28/22

INVOICE

OMID 1 PUBLIC WORKS DRIVE WATERFORD, MI 48328-	Customer PO Number Professional Services Contrac	Job Number	Sub Job	Contract Number	Date Performed	Application	
						Date	Number
		719707	0	001	9/1/2020	12/2/2020	12358

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$9,559.55	-	\$9,559.55	\$9,559.55	-	-
	Totals:	\$9,559.55		\$9,559.55	\$9,559.55		
	Less Retained:			-			
	Invoice Total:			\$9,559.55			

PUMP P4 VFD INSPECTION

PREVENTATIVE MAINTENANCE AND TESTING

complete electrical construction

"We herby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**Rotor Electric Company of Michigan, LLC.**

9522 GRINNELL  
DETROIT, MI 48213-1151  
PHONE (313) 891-0331 FAX (313) 921-5310  
\*AN EQUAL OPPORTUNITY EMPLOYER\*

# INVOICE

OMID  
1 PUBLIC WORKS DRIVE  
WATERFORD, MI 48328-

Customer  
PO Number  
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	9/1/2020	10/1/2020	12358

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$9,559.55	-	\$9,559.55	\$9,559.55	-	-
	Totals:	\$9,559.55		\$9,559.55	\$9,559.55		
	Less Retained:			-			
	Invoice Total:			\$9,559.55			

PUMP P4 VFD INSPECTION

PREVENTATIVE MAINTENANCE AND TESTING

12/7/20

TM 11-18-2020

complete electrical construction

"We herby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."

## **Agenda Item No. 11**

Other Business



## **Agenda Item No. 12**

Adjourn